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AIR MINISTRY

METEOROLOGICAL OFFICE

RÉSEAU MONDIAL 1927

MONTHLY AND ANNUAL SUMMARIES OF
PRESSURE, TEMPERATURE, AND PRECIPITATION
BASED ON A WORLD-WIDE NETWORK OF
OBSERVING STATIONS

Published by the Authority of the Meteorological Committee

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RÉSEAU MONDIAL, 1927

PREFACE

The Réseau Mondial is published under the auspices of the International Meteorological Committee, which has appointed a Commission, the International Commission for the Réseau Mondial, to foster the enterprise. An account of its early history is given in the preface to the volume for 1914. The publication of the data commenced in 1917 with the annual volume for 1911, and during the four following years the volumes for 1912,1913,1910 and 1914 were issued, in that order. Since the appearance of the volume for 1914,meetings of the Commission have taken place in connexion with the meetings of the International Meteorological Committee held in London in 1921, in Zürich in 1926, and in Copenhagen in 1929. The report on progress since 1929 was presented by the President of the Commission to the International Committee at its meeting in De Bilt in 1933. At the London meeting the Commission approved the general form in which the results had been published, and adopted a resolution, subsequently endorsed by the Committee, requesting that the publication of similar data for ensuing years might be continued. In compliance with that request, thirteen additional volumes have been issued.

The volume for 1921 for the first time gave effect to a wish, also voiced at the meeting held in London for the inclusion of data from the oceans as well as from land stations. In that volume the information was confined to two five-degree "squares" in the North Atlantic Ocean; In the present volume the number of such squares is ten, all of them in the Atlantic Ocean. The figures represent the data supplied by ships reporting to the Meteorological Services of Brazil, Denmark, Germany, Holland, Norway and the United States, as well as to the British Meteorological Office, and for several squares various Services have co-operated in accordance with a scheme suggested by the Commission for Maritime Meteorology. The data will be found intercalated among the observations from land stations. They include -

(1) the mean latitude and longitude of the observations, calculated separately for each month.

(2) the number of observations (entered in the column for "height").

(3) the mean pressure.

(4) the mean temperature of the sea surface. For convenience these figures have been entered in the column for the date of the absolute maximum temperature.

(5) the mean temperature of the air.

For the Atlantic squares the values are based partly on observations taken six times a day, and partly on observations at 8h. and 20h., local time; the latter figures have been corrected for diurnal variation and the two sets have then been combined. In general, mean values from observations taken six times a day are deduced from not less than 30 observations per month, thus putting a square on a par with a land station observing once daily. In four squares, the number of observations is greater than this minimum in each month; in the remaining six squares the numbers fall below 30 in some months but those months in which the numbers are above 15 have been included in order as far as possible to avoid breaking the continuity of the series. Four of the squares included in the 1925 volume have had to be omitted as the observations available were too scanty. It will be observed that for some squares, two figures are given for each month as the number of observations. These different figures refer to the different elements; the number of observations of pressure available in any month frequently differs from the number of observations of sea temperature or of air temperature. The differences are in general not of sufficient importance to affect appreciably the mean latitude and longitude. Differences from normal are given where possible; the sources of these normals are stated in the "Table of Authorities".

At the meeting of the Commission held in Zürich in 1926, the following rules were adopted to regulate the practice regarding the normals to be used at land stations in the Réseau Mondial.

" (a) Departures from normal will not be employed unless the series of observations available covers a period of ten years or more.

(b) A normal will be prepared for any station as soon as ten years' observations are available. This normal will remain in use for the next five years. When data for 15 years are available, the normal will be revised. A further revision will take place when data for 25 years become available, and a final revision when data for 35 years become available. Normals covering a period of 35 years or more will only be revised when opportunity offers.

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(c) While the procedure laid down in paragraph (b) will be the one usually followed, advantage will be taken of any re-determinations of normals which become available. Such an opportunity is presented by the publications of the collection of the "Long Series" data which is now being made by the Smithsonian Institution, and normals based on these data will be brought into use in the volume of the Reseau Mondial for 1921.

(d) When an official meteorological service publishes departures from normal in its current publications these may, if thought desirable, be used in the Réseau Mondial.

(e) The periods covered by the normals will be set out in the Table of Authorities as at present. Whenever new normals are introduced the attention of readers will be called to the change by adding an appropriate sign to the figures to which the new normal has first been applied.

(f) These instructions will be brought into use when the compilation of the volume for the year 1921 is commenced."

In editing the present volume these rules have been closely followed.

The membership of the Commission in 1933 as given in Publication No. 5 of the International Meteorological Organisation was as follows:- Dr. G.C. Simpson, Great Britain (President); Dr. W. van Bemmelen, Holland; Dr. D. la Cour, Denmark; Vice-Admiral H. Dominik, Germany (deceased September 15, 1933); Professor F. Eredia, Italy; Professor E. van Everdingen, Holland; Captain N. I. Evgenoff, Russia; M. J. de Sampaio Ferraz, Brazil; Professor H. von Ficker, Germany; Professor E. Fontseré, Spain; Dr. S. Fujiwhara, Japan; M. L. Gain, France; Professor Dr. B. Helland Hansen, Norway; Professor Dr. H. Hergesell, Germany; Dr. Th. Hesselberg, Norway; Mr. H.A. Hunt, Australia; Dr. J. Keränen, Finland; Professor Dr. M. Knudsen, Denmark; Dr. O. Krogness, Norway; Mr. R. G. K. Lempfert, Great Britain; Dr. G. Ljungdahl, Sweden; Professor C. F. Marvin, United States of America; Professor G. Melander, Finland; Dr. C. W. B. Normand, India; Professor T. Okada, Japan; Mr. J. Patterson, Canada; Captain J. Rouch, France; Dr. J. W. Sandström, Sweden; Sir Napier Shaw, Great Britain; Mr. C. Stewart, South Africa; Sir F. Stupart, Canada; Dr. H. U. Sverdrup, Norway; Sir Gilbert Walker, Great Britain; Dr. A. Wallén, Sweden; M. P. Wehrlé, France; Professor Vladimir Wiese, Russia.

A list of the additions or changes made in the network of stations since the issue of the preceding volume is given below. These changes have been made in consultation with the Directors of the National Meteorological Services concerned.

Additions:-

Zone 1, 80° to 70°N.	101,	Wrangell Island.
Zone 2, 70° to 60°N.	201,	Preobrajenye.
	204a,	Bethel.
Zone 3, 60° to 50°N.	210a,	Mayo Landing.
Zone 5, 40° to 30°N.	369,	Kluchevskoye.
	512a,	Sacramento.

The following substitutions have been made:-

Substitutions:-

Zone 1, 80° to 70°N.	141,	Ingøy for Gjesvaer.
Zone 3, 60° to 50°N.	319,	Pagwa for Fort Hope.
	352,	Omsk (Inst. Agric.) for Omsk (Experiment Field).

A change in site has been made at the following station:-

Zone 6, 30° to 20°N.	621,	Nassau, Bahamas.

The following stations have been deleted:-

Zone 3, 60° to 50°N.	307, 55° to 50°N., 150° to 145°W.
Zone 4, 50° to 40°N.	430, 50° to 45°N., 35° to 30°W.
Zone 9, 0° to 10°S.	905, Malden Island.
Zone 10, 10° to 20°S.	1046, Tamatave.
	1047, Vohémar.
	1048, Antalaha.
	1145, Tuléar.
	1146, Fort Dauphin.

Data for the following stations are missing:-

Zone 2, 70° to 60°N.	.....	227, Ivigtut.
		253, Doudinka.
		254, Touroukhansk.
		261, Viliouisk.
		262, Iakoutsk.
		263, Verkhoïansk.
Zone 3, 60° to 50°N.	.....	333a, 62° to 57°N., 20° to 15°W.
		344, Kiiv.
		355, Minousinsk.
		356, Eniseisk.
		357, Irkutsk.
		358, Kirensk.
		359, Tchita.
		360, Nertchinskii Zavod.
		361, Tygan Ourkan.
		362, Blagovyeshchensk (Bureau Météor.)
		364, Chantar Bolchoy.
Zone 4, 50° to 40°N.	.....	444, Kharkiv (University).
		464, Vladivostok.
Zone 5, 40° to 30°N.	.....	508, 35° to 30°N., 145° to 140°W.
Zone 9, 0° to 10°S.	.....	940, Brazzaville.
Zone 10,10° to 20°S.	.....	1044a, Mossuril.
Zone 13,40° to 50°S.	.....	1301, Chatham Island.

The total number of stations utilised was 465 as against 469 in 1926.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1927.

Subdivision of the Globe and numbering of Stations.- In order to facilitate the grouping of the information, the surface of the globe is divided into zones each covering ten degrees of latitude. These zones are numbered consecutively from north to south, the number 1 being assigned to the zone extending from latitude 80° N. to latitude 70° N., the northernmost one for which information is available. The southernmost zone in the southern hemisphere for which observations are available, that extending from latitude 60° S. to latitude 70° S., accordingly becomes zone No. 15.

An identification number is assigned to each station. The first one or two digits in this number sp cify the zone to which the station belongs, and the last two digits indicate its position in longitude. For the latter purpose the zones are subdivided into 36 "squares", each extending over ten degrees of longitude, and two station numbers are assigned to each square. The enumeration of the stations starts from longitude 180° west of the meridian of Greenwich and proceeds eastward. A few examples will make the system clear. Station numbers 101 and 102 refer to the stations in zone 1 (i.e. between latitude 80° N. and 70° N.) between longitude 180° W. and 170° W., station numbers 335 and 336 to the stations in zone 3 (60° N. to 50° N.) between longitude 10° W. and 0°; station numbers 1147 and 1148 to the stations in zone 11 (latitude 20° S. to 30° S.) between longitude 50° E. and 60° E., i.e. to the Indian Ocean. In cases where it has been found desirable to give data for more than two stations in one "square" the additional stations are distinguished by adding the letter " a " to the numbers appropriate to the square. For two squares in zone 6 it was considered desirable to give data representing conditions at high and low levels. In square 30° N. - 20° N., 20° W. - 10° W. the mountain station Izaña has been included as well as La Laguna and in square 30° N. - 20° N., 90° E. - 100° E. the mountain station Cherrapunji as well as Gauhati. The mountain station is indicated in each case by the addition of the letter " m " to the number appropriate to the low level station.

In the monthly tables the data are arranged by zones, and within each zone, in the order of the identification numbers of the stations.

Units. - Absolute units related to the metric system are employed throughout. The scale on which temperatures are recorded in the Réseau Mondial is such that the freezing point of water under atmospheric pressure is 273° A precisely. Other temperatures differ by 273·0 from readings on the Centigrade scale. Conversion tables, showing the relation of these units to the units more commonly in use, will be found on pp. xvi to xviii of the Réseau Mondial for 1914.

Authorities. - The data have been transcribed in most cases from the publications of the various meteorological institutes received in the Library of the Meteorological Office. Particulars of the sources from which they have been taken will be found in the Table showing the Authorities for the Meteorology of the Globe, printed at the end of the volume. In many cases the volumes for 1927 have not yet been issued and the data have therefore been taken from advance manuscript copies supplied by the courtesy of the Directors concerned, whose valued co-operation is hereby acknowledged. The data for some stations in the British Colonies have been transcribed from manuscript returns received in the Meteorological Office, and have not yet been published elsewhere. The majority of the stations for which information is given are under the control of government meteorological services; it is therefore assumed that the recognised coventions regarding the instruments and their exposure have been followed. In the case of other stations information on these points is sometimes lacking, but no observations have been included that are known to be faulty in this respect. The positions of stations, their heights above sea level and the spelling of names, have been taken from the official meteorological publications, if given, but in some cases it has been necessary to complete this information from other sources.

In the tables for 1918 the symbol ⊼ was introduced to signify the true, or 24-hour, mean temperature. The letters a, b, c, etc., have replaced the symbols used in the volume for 1917 as references to the notes at the end of the Table of Authorities.

Height above Sea Level. - Particulars of the datum used in the European countries when specifying heights above sea level will be found in the Introduction to the volume of Tables for 1914.

Normals. - Whenever possible the departures from normal of the monthly values of mean pressure, mean temperature and precipitation, are given. In all cases an endeavour is made to secure that the normals are based on the same combination of values as the current data, or a comparable one. The years to which the normals refer are given in the Table showing the Authorities for the Meteorology of the Globe at the end of the volume.

Pressure. - The tables provide space for the entries of mean monthly pressure both at station level and at mean sea level. If the values at sea level are not given in the publication from which the data have been transcribed, they have been computed in the Meteorological Office for stations not exceeding 2,000 metres in altitude, for which the height above sea level was accurately known. The reduction is based on an expansion of the formula $p_o = pe^{\frac{z}{KT}}$ and assumes that the temperature decreases upwards at the rate of 0·5° C. per 100 metres and that the average relative humidity of the air column between the station and sea level is 50 per cent. The monthly means of pressure are based by preference on hourly values, but when such are not available, combinations of observations at fixed hours have been used. Particulars of the combination adopted at each station are given in the Table showing the Authorities for the Meteorology of the Globe under the heading "Remarks". Table 1 (p. ix.) gives for certain stations the correction required to reduce the means computed in this way to the means computed from hourly observations. In cases in which it is possible to give values both for station level and for sea level, the differences from normal refer to the latter, except at the stations to which the letter "q" is given in the list of Authorities, for which the differences from normal refer to station level.

Temperature. - The monthly tables include the means of the daily readings of maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometer, the mean temperature obtained from the mean maximum and mean minimum, and a column giving the observed or deduced mean of 24 hourly values per day.

The column headed " 24 hr. mean " contains: in Roman type, means based on at least six equally-spaced observations each day : in italic type, either (a) means based on observations at one or more fixed hours, with or without an appropriate correction; or (b) means obtained by applying an appropriate correction to the mean of the mean daily maximum and mean daily minimum. The methods by which these figures in italics have been deduced are in all cases set out in the Table of Authorities in the column headed "Remarks" pp. 105 - 114.

Precipitation. - The term precipitation includes rain, snow, hail and (if of measurable amount) dew. The solid precipitates are measured by the depth of water they yield or are computed to yield when melted.

Wind. - No information regarding wind is included in the general tables, but on the last page of the volume, the monthly Resultant Direction and "Constancy" computed from daily observations of wind are given for selected stations in the tropics. No account is taken of wind strength in computing these quantities; each observation of direction is regarded as a unit vector and the resultant direction is obtained by compounding the unit vectors. The "constancy" is represented by 100 times the ratio of the vector sum of the unit vectors to the number of observations (calms included). Direction is specified by the azimuth of the point from which the wind is blowing, and is measured in degrees from north through east.

State of Ice in the Arctic Seas. - Statistical information is given for each month on the last page of the volume.

Bibliography of the Meteorology of the Globe. - A bibliography will be found on page xv of the Réseau Mondial 1914.

TABLE I. - CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
ZONE I.													
Barrow, 19h. (5)	0·0	+0·1	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	+0·1	-0·1	-0·1	-0·1	+0·1
Gaasefiord and Godthaab for Upernivik, ⅓ (8 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	0·0	0·0	0·0
Spitsbergen, ⅓ (8 + 14 + 19) (1) ..	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0
Gjesvaer for Ingøy, ⅓ (8 +14 + 19) (19)	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	0·0
Gjesvaer and Vardø for Mehavn, ⅓((8 + 14 + 19) (19)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	0·0
Vardø, ½ (8 + 14 + 19) (19)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	0·0
Malye Karmakouly, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Waigatz, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Bouloune, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	+0·1	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0
ZONE 2.													
Sitka for Nome, ½ (6 + 18) (8) ..	+0·1	+0·1	+0·2	+0·1	+0·1	0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Tanana, ½ (7 + 18½) (8) ..	+0·1	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Eagle, ½ (8 + 20) (8) ..	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Dawson, ⅓(8 + 16 + 20) (8)..	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	0·0	+0·1
Godthaab for Jacobshavn, ⅓ (8 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1
Angmagsalik, ⅓ (8 + 14 + 21) (1) ..	+0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	-0·1
Bergen, ⅓ (8 + 14 + 19) (19)	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1
Aalesund, ⅓ (8 + 14 + 19) (19) ..	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1
Trondhjem, ⅓ (8 + 14 + 19) (19). ..	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Bodø, ⅓ (8 + 14 + 19) (19)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Helsingfors for Kuopio, ⅓ (7 + 15 + 21) (8).	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	0 0
Kola, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Petrozavodsk, ⅓ (7 + 13 + 21) (1) ..	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Arkhangelsk, ⅓ (7 + 13 + 21) (1) ..	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Mezen, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Ust-Tsylma, ⅓ (7 + 13 + 21) (1) ..	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Tcherdyn, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Berezov, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Obdorsk, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Sourgout, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Pétropavlovskoe, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
ZONE 3.													
Sitka for St. Paul Is. and Dutch Harbor, ½ (6 + 18) (8)	+0·1	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
Sitka for Dutch Harbor, ½ (2 + 14) (8)	..	..	..	..	..	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	-0·1	..
Sitka for Kodiak, ½ (8 + 20) (8) ..	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1
Sitka and Victoria for Prince Rupert, ½ (5 + 17) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria for Kamloops, ½ (4½ + 16½) (1)	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria and Moose Jaw for Calgary, ½ (5½ + 17½) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·1	+0·2
Fort Confidence and Moose Jaw for Fort Chipewyan, ½ (8 + 18) (1) ..	0·0	+0·1	+0·1	+0·1	0·0	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·1	0·0
Moose Jaw for Prince Albert and Qu'Appelle, ½ (6 + 18) (1)	+0·3	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·2	+0·3	+0·3	+0·3	+0·2
Moose Jaw and Winnipeg for Minnedosa, ½ (7 + 19) (1)	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Fort Churchill for Port Nelson, ½ (7½ + 18½) (1)	-0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	-0·1	-0·2	-0·2	0·0
Le Pas and Fredericton for Moose Factory, ⅓ (9 + 14 + 19) (1) ..	+0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	-0·1	-0·1	0·0	0·0	0·0
Hamburg, ⅓ (8 + 14 + 20) (1)	+0·1	+0·1	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Hamburg and Uppsala for Copenhagen, ⅓ (8 + 14 + 21) (2)	+0·1	-0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	-0·1	+0·1
Warsaw, ⅓ (7 + 13 + 21) (11)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	0·0
Leningrad, ⅓ (7 + 13 + 21) (2).. ..	+0·1	0·0	0·0	0·0	0·0	0·	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Moscow, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0
Saratov, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1
Kazan, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	+0·1	0·0

TABLE I. - COPRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN-Continued.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
ZONE 3 - Continued.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Orenburg, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1
Perm, ⅓ (7 + 13 + 21) (1)..	+0·1	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Sverdlovsk, ⅓ (7 + 13 + 21) (1) ..	0·0	0·0	0·0	0·0	-0·1	0·0	-0·1	-0·1	0·0	0·0	0·0	+0·1	0·0
Tobolsk, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0
Omsk, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	-0·1	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0
Barnaoul, ⅓ (7 + 13 + 21) (2)	0·0	0·0	0·0	-0·1	-0·1	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0
Tomsk, ⅓ (7 + 13 + 21) (1)	0·0	0·0	0·0	0·0	-0·1	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0
Nikolaevsk-sur-Amour, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	0·0
Okhotsk, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Akmolinsk, ⅓ (7 + 13 + 21) (2) ..	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1
ZONE 4.													
Winnipeg, ⅓ (7 + 14 + 19) (1)	0·0	+0·1	+0·1	+0·1	+0·1	0·0	0·0	+0·1	+0·1	0·0	0·0	0·0	0·0
Port Arthur, ⅓ (7 + 19) (1)	+0·1	+0·2	+0·2	+0·1	+0·2	+0·1	+0·1	+0·2	+0·2	+0·1	0·0	0·0	+0·1
New York, ⅓ (7 + 14 + 21) (1)	+0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	+0·1	0·0
St. John, N.B., ⅓ (9 + 15 + 21) (1)..	-0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·2	-0·1
Madrid, ⅓ (7 + 13 + 18) (1)	+0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1
Nice for Marseille, ⅓ (7 + 12 + 18) (15)	+0·1	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0
Rome, ⅓ (9 + 15 + 21) (3)	-0·3	-0·3	-0·1	-0·1	-0·1	-0·2	-0·2	-0·2	-0·1	-0·3	-0·3	-0·2	-0·2
Sofia, ⅓ (7 + 14 + 21) (1)	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0
Odessa, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	+0·1	0·0
Novorossiisk, ⅓ (7 + 13 + 21) (1) ..	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·1	+0·1	0·0
Astrakhan, ⅓ (7 + 13 + 21) (1) ..	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·2	-0·1	-0·1	0·0	0·0	0·0	-0·1
Fort Alexandrovsk, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·2	-0·1	-0·1	0·0	0·0	-0·1
Krasnovodsk, ⅓ (7 + 13 + 21) (1) ..	+0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·2	-0·2	-0·1	-0·1	0·0	0·0	-0·1
Tashkent, ⅓ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·2	-0·3	-0·2	-0·2	-0·2	-0·2	0·0	0·0	0·0	-0·1
Alma Ata, ⅓ (7 + 13 + 21) (1)	0·0	-0·1	-0·1	-0·2	-0·3	-0·2	-0·2	-0·2	-0·2	-0·1	0·0	0·0	-0·1
ZONE 5.													
Madeira (Funchal), ⅓ (9 + 15 + 21) (1)	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·2	-0·2	-0·2	-0·1	-0·1	-0·1	-0·1
Bouzaréah for Melilla and Colomb-Béchar, ⅓ (7 + 13 + 18) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	+0·1	+0·2	+0·1
Lisbon for Gibraltar, ⅓ (7 + 13 + 21) (4)	0·0	-0·1	-0·1	-0·2	-0·2	-0·2	-0·3	-0·3	-0·2	-0·1	-0·1	0·0	-0·1
Palma, ⅓ (7 + 13 + 18) (1)	0·0	0·0	0·0	+0·1	+0·1	0·0	-0·2	-0·1	-0·1	-0·2	-0·2	-0·1	-0·1
Metlaoui for Tunis, ⅓ (8 + 14 + 19) (1)	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2
Metlaoui for Malta, ⅓ (7 + 18) (1) ..	+0·3	+0·3	+0·4	+0·5	+0·5	+0·5	+0·5	+0·5	+0·4	+0·4	+0·3	+0·3	+0·4
Naples for Riposto, ⅓ (9 + 15 + 21) (2)	0·0	0·0	-0·1	-0·1	-0·1	-0·2	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1
Alexandria, ⅓ (8 + 14 + 20) (17) ..	0·0	0·0	0·0	0·0	0·0	0·0	0·0	-0·1	0·0	-0·1	-0·1	0·0	0·0
Smyrna for Ankara, ⅓ (7 + 14 + 21) (21)	+0·1	+0·1	0·0	-0·1	-0·1	0·0	0·0	-0·1	0·0	-0·1	-0·1	0·0	0·0
Athens and Cairo for Nicosia, ⅓ (8 + 15) (1)	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2
Ksara (922m) for Beirut, ⅓ (8½ + 14½ + 20½) (1)	-0·1	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	-0·1	-0·1
Hinaidi, ⅓ (5 + 10 + 17) (16)	-0·1	0·0	-0·1	..	..	..	..	..	..	..	..	..	..
Hinaidi, ½ (5 + 10) (16)	..	..	..	-0·4	-0·5	-0·6	-0·8	-0·8	-0·7	-0·5	-0·4	-0·2	-0·5
Lenkoran, ⅓ (7 + 13 + 21) (1)	+0·1	0·0	-0·1	-0·1	-0·2	-0·2	-0·2	-0·2	-0·2	0·0	0·0	+0·1	-0·1
Quetta, 8h. (6)	-0·9	-0·9	-1·1	-1·2	-1·2	-1·4	-1·3	-1·2	-1·4	-1·5	-1·4	-1·1	-1·2
Peshawar, 8h. (6)	-0·9	-1·1	-1·2	-1·4	-1·8	-2·1	-2·0	-1·9	-1·8	-1·8	-1·5	-1·0	-1·6
Lahore, 8h. (6)	-0·7	-0·6	-1·0	-1·2	-1·3	-1·6	-1·3	-1·5	-1·4	-1·4	-1·0	-0·9	-1·1
Simla, 8h. (6)	-0·2	-0·2	-0·2	-0·4	-0·6	-0·5	-0·5	-0·4	-0·5	-0·5	-0·6	-0·4	-0·4
Leh, 8h. (6)	-1·0	-0·9	-1·4	-1·3	-1·3	-1·6	-1·8	-1·7	-1·9	-1·7	-1·5	-1·2	-1·5
Zi-Ka-Wei for Hankow, ⅓ (6 + 14 + 22)(7)	+0·3	+0·2	+0·2	+0·1	0·0	0·0	-0·1	0·0	0·0	+0·2	+0·2	+0·3	+0·1
Pekin for Tientsin, ⅓ (6 + 14 + 22) (8)	+0·3	+0·3	+0·1	0·0	-0·1	-0·1	-0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·1
ZONE 6.													
Mexico for Guaymas, Chihuahua, Leon, Monterry and Tulacingo, ⅓ (7 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	+0·1	0·0	0·0	+0·2	0·0
Nassau, Bahamas, ½ (8 + 15) (1) ..	+0·1	+0·1	0·0	+0·1	0·0	+0·1	+0·2	+0·2	+0·1	+0·2	+0·1	+0·1	+0·1

TABLE I. - CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN-Continued.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
ZONE 6 - Continued.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Izaña, ⅓ (7 + 13 + 18) (18)	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1
Cairo for Siwa, 8h. (20)	+0·8	+0·8	+0·8	+0·8	+0·8	+0·9	+1·0	+0·9	+0·8	+0·8	+0·8	+0·7	+0·8
Cairo, ⅓ (8 + 14 + 20) (20)	+0·1	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0
Khartoum and Cairo for Aswan, ⅓ (8 + 14 + 20) (17)	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Khartoum and Cairo for Tor, ⅓ (8 + 14 + 20) (17)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0
Karachi, 8h. (6)	-1·5	-1·5	-1·4	-1·3	-1·3	-0·9	-0·8	-1·0	-1·2	-1·4	-1·5	-1·5	-1·3
Jacobabad, 8h. (6)	-1·1	-1·3	-1·7	-1·7	-1·8	-1·7	-1·5	-1·4	-1·5	-1·4	-1·4	-1·2	-1·5
Jaipur, 8h. (6)	-1·1	-1·2	-1·5	-1·6	-1·8	-1·6	-1·2	-1·2	-1·4	-1·6	-1·3	-1·3	-1·4
Nagpur, 8h. (6)	-1·7	-1·9	-2·1	-2·3	-2·2	-1·4	-1·2	-1·2	-1·5	-1·7	-1·8	-1·7	-1·7
Allahabad, 8h. (6)	-1·5	-1·6	-1·9	-2·0	-1·9	-1·7	-1·2	-1·2	-1·6	-1·7	-1·7	-1·6	-1·6
Darjeeling, 8h. (6)	-0·3	-0·3	-0·6	-0·8	-0·9	-0·8	-0·6	-0·6	-0·8	-0·8	-0·7	-0·5	-0·6
Calcutta, 8h. (6)	-1·6	-1·6	-1·7	-1·8	-1·5	-1·1	-0·9	-1·0	-1·2	-1·6	-1·7	-1·7	-1·5
Dinajpur and Sibsagar for Gauhati, 8h. (6)	-1·7	-1·6	-1·9	-2·0	-1·8	-1·4	-1·4	-1·5	-1·6	-1·8	-1·9	-1·8	-1·7
Akyab, 8h. (6)	-1·5	-1·5	-1·6	-1·7	-1·1	-0·8	-0·8	-0·9	-1·2	-1·4	-1·3	-1·5	-1·3
Mandalay, 8h. (6)	-1·7	-1·8	-2·1	-2·1	-1·7	-1·4	-1·3	-1·3	-1·6	-1·8	-1·8	-1·8	-1·7
Phu Lien for Moncay, ½ (10 + 16) (9)	-0·3	-0·2	-0·2	-0·1	+0·1	+0·2	+0·2	+0·2	+0·1	-0·1	-0·1	-0·1	0·0
ZONE 7.													
Mexico for Colima, Morelia and Salina Cruz, ⅓ (7 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	-0·1	0·0	0·0	+0·2	0·0
Port au Prince, ⅓ (7 + 13 + 21) (12)	-0·1	-0·2	-0·3	-0·3	-0·3	-0·2	-0·2	-0·2	-0·2	-0·2	-0·1	-0·1	-0·2
Barbados, ½ (9 + 15) (12)	-0·3	-0·1	-0·1	0·0	+0·1	+0·1	0·0	-0·2	-0·3	-0·1	-0·1	-0·2	0·0
Duala for Kaduna, 9h. (1)	-1·7	-1·7	-1·8	-1·8	-1·7	-1·6	-1·6	-1·6	-1·8	-1·9	-1·7	-1·7	-1·7
Khartoum and for El Fasher and El Obeid, ⅓ (8 + 14 + 20) (17)	-0·1	0·0	0·0	-0·1	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1
Khartoum and Cairo for Port Sudan, ⅓ (8 + 14 + 20) (17)	0·0	0·0	0·0	-0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Aden, 8h. (6)	-1·6	-1·7	-1·7	-1·5	-1·6	-2·0	-2·1	-2·2	-1·9	-1·4	-1·7	-1·3	-1·8
Bombay, 8h. (6)	-2·0	-1·9	-2·0	-2·0	-1·8	-1·1	-1·0	-1·2	-1·6	-2·0	-2·2	-2·1	-1·8
Bangalore, 8h. (6)	-1·7	-1·7	-1·9	-2·1	-1·8	-1·2	-1·0	-1·3	-1·5	-1·7	-1·6	-1·7	-1·6
Madras, 8h. (6)	-1·5	-1·5	-1·7	-1·7	-1·6	-1·6	-1·5	-1·6	-1·8	-1·7	-1·5	-1·5	-1·6
Vizagapatam, 8h. (6)	-1·7	-1·6	-1·8	-1·8	-1·7	-1·2	-1·1	-1·2	-1·3	-1·6	-1·6	-1·7	-1·5
Port Blair, 8h. (6)	-1·3	-1·2	-1·2	-1·3	-1·1	-0·9	-0·8	-0·9	-1·1	-1·2	-1·2	-1·3	-1·1
Rangoon, 8h. (6)	-1·7	-1·9	-2·1	-2·2	-1·6	-1·0	-1·0	-1·0	-1·3	-1·8	-1·5	-1·8	-1·6
Bolinao, ½ (6 + 14) (1)	+0·5	+0·5	+0·5	+0·5	+0·5	+0·5	+0·4	+0·5	+0·6	+0·6	+0·6	+0·6	+0·5
Ormoc, ½ (6 + 14) (1)	+0·7	+0·6	+0·6	+0·7	+0·6	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·7	+0·7
ZONE 8.													
Duala and Sansane Mangu for Freetown, Sierra Leone, ½ (9 + 17) (1) ..	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	0·0	0·0
Duala for Accra, 9h. (1)	-1·7	-1·7	-1·8	-1·8	-1·7	-1·6	-1·6	-1·6	-1·8	-1·9	-1·7	-1·7	-1·7
Duala for Lagos, ½ (9 + 15) (1) ..	+0·1	0·0	0·0	0·0	0·0	0·0	-0·1	-0·1	-0·1	+0·1	+0·2	+0·1	0·0
Entebbe, ⅓ (7 + 14 + 21) (1)	+0·1	0·0	-0·2	-0·2	-0·2	0·0	+0·1	+0·2	+0·1	-0·2	-0·3	-0·1	-0·1
Cochin, 8h. (6)	-1·9	-1·8	-1·8	-1·6	-1·2	-0·7	-0·7	-0·9	-1·2	-1·4	-1·6	-1·8	-1·4
Colombo, ½ (9½ + 15½) (6)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Trincomalee, ½ (9½ + 15½) (6)	-0·1	-0·1	0·0	+0·2	+0·3	+0·3	+0·4	+0·3	+0·3	+0·2	+0·1	0·0	+0·2
Singapore, and for Penang, ⅓ (9 + 15 + 21) (2).	-0·2	-0·2	-0·2	-0·3	-0·2	-0·2	-0·2	-0·2	-0·2	-0·3	-0·2	-0·3	-0·2
Manila for Iwahig, ½ (6 + 14) (12) ..	+0·7	+0·6	+0·6	+0·6	+0·6	+0·5	+0·5	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6
ZONE 9.													
Quixeramobim, and for Turyassu and Barra do Corda, ⅓ (7 + 14 + 21) (1)	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1
Ascension Island, ½ (9 + 21) (1) ..	-0·8	-0·9	-0·9	-0·9	-0·9	-0·8	-0·8	-0·8	-0·9	-1·0	-0·9	-0·8	-0·9
Zanzibar, 8h. (6)	-2·1	-2·1	-1·6	-1·3	-1·1	-1·1	-1·1	-1·1	-1·3	-1·6	-1·5	-1·6	-1·5
Ocean Island, ½ (8 + 20) (1)	-0·9	-0·9	-1·0	-0·9	-0·8	-0·7	-0·6	-0·7	-0·7	-0·8	-0·7	-0·8	-0·8

TABLE I. - CORRECTIONS TO REDUCE MEANS OF PRESSURE AT VARIOUS HOURS OR COMBINATIONS OF HOURS TO TRUE MEAN-Continued.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
ZONE 10.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Apia for Alofi, Niue Island, 9h. (10)	-1·2	-1·3	-1·4	-1·5	-1·5	-1·5	-1·4	-1·5	-1·5	-1·4	-1·3	-1·2	-1·4
St. Helena, 6½h. (1)	-0·3	-0·1	0·0	-0·1	0·0	+0·2	+0·3	+0·2	+0·1	0·0	-0·2	-0·3	0·0
Zomba, ½ (9 + 21) (1)	-0·8	-0·8	-0·8	-0·9	-0·9	-0·9	-0·9	-1·0	-1·0	-0·9	-0·9	-0·9	-0·9
Derby, ½ (9 + 15) (1)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Hall's Creek, ½ (9 + 15) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·3
Darwin, ½ (9 + 15) (1)	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	0·0	-0·1	-0·1	0·0
Daly Waters, ½ (9 + 15) (1)	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3
Mein, ½ (9 + 15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1
Georgetown, Queensland, ½ (9 + 15) (1)	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Apia for Suva, Fiji, ½ (8½ + 15½) (10)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	+0·1
ZONE 11.													
Santiago for Punta Tortuga, ⅓ (7 + 14 + 21) (1)	-0·3	-0·2	-0·2	0·0	0·0	+0·1	+0·1	0·0	-0·1	-0·1	-0·2	-0·3	-0·1
Mollendo for Iquique, ⅓ (7 + 14 + 21) (13)	-0·1	-0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	-0·1	-0·2	-0·1	0·0
Curityba, ⅓ (7 + 14 + 21) (12) ..	-0·2	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·1	0·0	-0·1	-0·1	-0·2	0·0
Kimberley for Windhoek and O'Okiep, 8½h. (14)	-1·5	-1·4	-1·4	-1·3	-1·2	-1·2	-1·2	-1·4	-1·6	-1·6	-1·6	-1·5	-1·4
Kimberley, ⅓ (8½ + 14½ + 20½) (14) ..	0·0	0·0	0·0	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0	0·0
Johannesburg, 8½h. (1)	-1·0	-1·1	-1·1	-1·1	-1·0	-1·0	-1·1	-1·3	-1·3	-1·2	-1·1	-1·1	-1·1
Bulawayo, 8h. (1)	-1·3	-1·2	-1·1	-1·0	-1·0	-0·9	-0·9	-1·0	-1·3	-1·4	-1·4	-1·3	-1·1
Lourenço Marques for Durban, 8½h. (1)	-1·4	-1·3	-1·3	-1·3	-1·3	-1·3	-1·4	-1·6	-1·7	-1·7	-1·6	-1·5	-1·5
Onslow, ½ (9 + 15) (1)	-0·2	-0·2	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·2	-0·1
Cue, ½ (9 + 15) (1)	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·1	+0·1	+0·2
Nullagine, ½ (9 + 15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	0·0	+0·1
Laverton, ½ (9 + 15) (1)	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3	+0·3
Alice Springs, ½ (9 + 15) (1)	+0·6	+0·5	+0·7	+0·7	+0·8	+0·9	+0·9	+1·0	+1·0	+0·9	+0·9	+0·8	+0·8
William Creek, ½ (9 + 15) (1)	+0·3	+0·3	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3
Boulia, ½ (9 + 15) (1)	+0·4	+0·4	+0·5	+0·5	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6	+0·5	+0·6
Mitchell, and for Thargomindah, ½ (9 + 15) (1)	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·4	+0·4	+0·5	+0·5	+0·3	+0·2	+0·3
Rockhampton, ½ (9 + 15) (1)	-0·2	-0·1	-0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	-0·1	0·0
Brisbane, ½ (9 + 15) (1)	-0·2	-0·1	-0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	-0·1	0·0
ZONE 12.													
Valdivia for Punta Tumbes, ⅓ (7 + 14 + 21) (1)	0·0	0·0	-0·1	-0·1	-0·1	0·0	0·0	0·0	-0·1	-0·1	-0·1	-0·1	-0·1
Santiago, and for Valparaiso, ⅓ (7 + 14 + 21) (1)	-0·3	-0·2	-0·2	0·0	0·0	+0·1	+0·1	0·0	-0·1	-0·1	-0·2	-0·3	-0·1
Montevideo, ⅓ (7 + 14 + 21) (12) ..	-0·1	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·1	-0·1	-0·1	-0·1	-0·2	0·0
Cape Town, ⅓ (8½ + 12¾ + 20½) (2) ..	-0·4	-0·4	-0·3	-0·3	-0·2	-0·2	-0·2	-0·3	-0·3	-0·3	-0·3	-0·3	-0·3
Cape Town for Danger Point, and East London, 8½h. (2)	-0·5	-0·6	-0·7	-0·7	-0·7	-0·7	-0·7	-0·8	-0·8	-0·7	-0·6	-0·5	-0·7
Cape Leeuwin for Perth. ½ (9 + 15) (1)	-0·2	-0·3	-0·1	0·0	0·0	+0·1	+0·1	+0·1	0·0	-0·1	-0·2	-0·2	-0·1
Breaksea Island for Katanning, ½ (9 + 15) (1).	0·0	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·2	0·0	+0·1	+0·1	0·0	+0·1
Coolgardie, ½ (9 + 15) (1)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Eucla, ½ (9 + 15) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·2
Streaky Bay, ½ (9 + 15) (1)	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1
Adelaide, ½ (9 + 15) (1)	0·0	0·0	-0·1	-0·1	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·1	+0·1	0·0
Bourke, ½ (9 + 15) (1)	+0·2	+0·2	+0·1	+0·2	+0·3	+0·4	+0·5	+0·5	+0·5	+0·5	+0·5	+0·3	+0·3
Sydney, ½ (9 + 15) (1)	+0·1	0·0	-0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1
ZONE 13.													
Santiago and Punta Arenas for Isla Guafo and Punta Galera, ⅓ (7 + 14 + 21) (1)	-0·3	-0·1	-0·1	0·0	+0·1	+0·1	+0·1	+0·0	-0·1	-0·1	-0·1	-0·3	-0·1
Hobart, and for Launceston, ½ (9 + 15) (1)	+0·2	+0·2	+0·2	+0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·2	+0·3	+0·3	+0·2
ZONE 14 AND 15.													
Punta Arenas, and for Islota de los Evangelistas and Punta Dungeness, ⅓ (7 + 14 + 21) (1)	-0·1	-0·1	-0·1	0·0	+0·1	+0·1	+0·2	+0·1	0·0	0·0	0·0	-0·1	0·0
South Georgia, ⅓ (8 + 14 + 20) (1) ..	0·0	+0·1	0·0	-0·1	-0·1	+0·2	+0·2	+0·2	+0·1	0·0	0·0	+0·1	+0·1

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean*—continued.

(1) Prepared in M.O.

(2) Buchan, A., *Report on . . . Voyage of H.M.S. "Challenger,"* 1873-76. *Physics and Chemistry*, vol. ii., part v. *Report on Atmospheric Circulation.* London, 1889.

(3) Eredia, F., *Il clima di Roma*, 1911.

(4) Lima, A., *O clima de Portugal Continental*, 1922.

(5) Washington, *Report of the International Polar Expedition to Point Barrow, Alaska*, 1885.

(6) *Indian Meteorological Memoirs*, vol. xvii.

(7) Zi-Ka-Wei, *Bulletin des Observations*, 1910.

(8) Rykatchew, M., *La marche diurne du baromètre en Russie*, 1879.

(9) Le Cadet, G., *Le climat du Delta du Tonkin*, 1911.

(10) Tetens, O., u. Linke, F., *Das Klima von Samoa*, 1910.

(11) Gorczynski, Wl., *Pression atmosphérique en Pologne et en Europe*, 1917.

(12) Hann, J. von, *Die ganztägige (24-stündige) Luftdruckschwankung . . .* , 1919.

(13) Cambridge, Mass., Astr. Obs. Harvard College, *Annals*, vol. 49, part i.

(14) Sutton, J. R., *Diurnal Variation of Barometric Pressure*, 1907.

(15) Angot, A., *Etude sur le climat de la France. Pression atmosphérique.* Paris, Ann. Bur. Centr. Météor., 1906, part i, p. 83.

(16) Eredia, F., *Sul clima di Bagdad.* Rome, 1917.

(17) Corrections supplied by Cairo, Phys. Dept.

(18) Madrid, *Anuario del Obs.*, Tomo III., Suppl. 3, p. 4.

(19) Christiania, *Jahrb. d. Norweg. Meteor. Instituts*, 1891, p. xiii.

(20) Cairo, Phys. Dept., *Climatological normals for Egypt and the Sudan, Candia, Cyprus and Abyssinia*, Cairo, 1922.

(21) Knoch, K., *Ergebnisse mehrjähriger Registrierungen des Luftdrucks zu Smyrna. Met. Zs.* vol. 30, 1913.

RÉSEAU MONDIAL, 1927

ADDITIONS AND CORRECTIONS, 1910-1927.

1910 - 1927:-

550. Quetta. Latitude, longitude and height should read 30° 12′N., 67° 0′E., 1673m.

1003. Alofi, Niue Island: Height should read 19·8m. throughout. All pressure values and diffs. from normal should have a correction of -0·9mb. applied.

1271. Auckland. Height should read:- January 1910 to January 1916, 48·8m. February 1916 to December 1923, 13·4m. January 1924 to December 1927, 15·2m.

1371. Christchurch. "The corrections to the Christchurch barometer have recently been revised, and past records from 1905 to 1928 should be decreased by 0·013 in.(0·4mb.) to reduce them to the standard now adopted." (Wellington, Meteor. Obs. for 1929, p.3). The diffs. from normal are not affected.

1911 - 1926:-

1030. Aracaju. Information has been received from the Instituto de Meteorologia, Rio de Janeiro, that the exposure of the thermometers was defective from 1911 to April 1923 inclusive. The temperature data should therefore be deleted. In April 1923 the station was removed to a new site. From May 1923 to December 1926 inclusive, differences from normal temperature and rainfall should be deleted.

1915 - 1927:-

211. Fort Good Hope. Pressure values and diffs. from normal up to and including January 1927 should have a correction of +1·8mb. applied, owing to the omission hitherto of the gravity correction.

1125. Goya. Height should read 37m. throughout. Pressure values at M.S.L. should have a correction of +1·3mb. applied.

1916 - 1927:-

316. Qu'Appelle. Height should read 654m. throughout. A correction of -1·1mb. should be applied to pressure values at M.S.L.

315. Prince Albert. From January to February 1916, height should read 450m., from March 1916 to December 1927, 437m. Corrections to be applied to the pressure values at M.S.L. for these two periods are respectively - 1·0mb. and +0·7mb.

1918 - 1927:-

313. Calgary. From January 1918 to August 1921 height should read 1056m., and from September 1921 to December 1927, 1058m. Corrections to be applied to the pressure values at M.S.L. for these two periods are respectively -1·3mb. and -1·6mb.

1924 - 1926:-

359. Tchita. Height should read 685m. throughout. Pressure values at mean sea level and diffs. from normal should have a correction of +1·3mb. applied.

759. Bolinao. Height should read 2m. from January 1st 1924.

1925:-

314. Fort Chipewyan. Pressure: diff. from normal should read: June, -1·4mb. July, +1·2mb.

654. Calcutta. March pressure at station level: for 993·2mb. read 1010·1mb.

1926 - 1927:-

1122. Iquique. Temperature: delete all mean minimum, absolute minimum and ½(Max. + min.) values.

1926:-

143. Vardo. "Hb. is given in the Yearbooks 1926-1929 as 13·8m., this is not correct. A new measurement shows that this height is 11·8m." (Jahrb. d. Norweg. Meteor. Inst. 1930, p.VIII.)
Pressure at M.S.L. and diff. from normal should read:-

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yr.
	mb.	1010·7	1011·9	996·4	1015·3	1019·0	1016·2	1011·4	1011·7	1008·9	1005·3	1006·8	1002·9	1009·7
Diff.	mb.	+6·8	+7·0	-10·4	+3·7	+4·3	+2·9	-0·7	+0·3	+0·2	-2·7	+1·3	-2·8	+0·8

207. Valdez. Height should read 122m. from July 1st. Delete temperature diff. from normal for July, August, October, November, and precipitation diff. from normal for October and November.

302. St. Paul Island. Height should read 12·2m. from July 1st.

338a. Hamburg. Temperature: diff. from normal should read July +1·4. Year +0·8.

1035. St. Helena. Summary of Winds within the Tropics, p.116. Resultant for September should read 155°.

Table of Authorities, Notes: (p.115). Add: Unless otherwise stated the hours of observation refer to local mean time.

1927:-

733. Dakar. Temperature: January, Absolute maximum should read 308·2, on the 10th. April, mean maximum, and ½(M+m) should read 299·2 and 295·5 respectively.

1927-contd.

1030. Aracaju. Pressure: January to June. Delete all values.

1128. Rio de Janeiro. Pressure: January to June. Figures should read:-

	Jan.	Feb.	Mar.	Apr.	May	June
Station Level mb.	1009·4	1009·9	1010·3	1013·8	1015·2	1015·9
M. S. L. mb.	1011·5	1012·0	1012·4	1015·9	1017·3	1018·1
Diff. from normal, mb.	+0·5	+0·3	-0·4	+1·1	+0·5	-0·9

1919-1926:-

959. Pasuruan. Insert pressure: Mean at M.S.L. and diff. from normal.

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1919	mb.	1011·0	1010·7	1010·4	1009·6	1009·6	1011·0	1011·1	1012·1	1011·2	1011·0	1009·5	1009·3	1010·6
	Diff. mb.	+1·9	+1·4	+0·9	+0·1	-0·3	+0·7	+0·4	+1·0	+0·3	+0·6	0·0	+0·5	+0·7
1920	mb.	1009·5	1010·3	1009·8	1009·2	1010·3	1009·7	1010·6	1011·0	1010·0	1010·4	1008·7	1008·4	1009·8
	Diff. mb.	+0·4	+1·0	+0·3	-0·3	+0·4	-0·6	-0·1	-0·1	-0·9	0·0	-0·8	-0·4	-0·1
1921	mb.	1009·1	1007·5	1008·7	1010·4	1009·5	1009·7	1010·5	1011·0	1011·1	1010·3	1010·1	1009·1	1009·8
	Diff. mb.	0·0	-1·8	-0·8	+0·9	-0·4	-0·6	-0·2	-0·1	+0·2	-0·1	+0·6	+0·3	-0·1
1922	mb.	1008·7	1008·5	1009·2	1009·5	1009·6	1009·8	1010·7	1010·7	1010·7	1010·2	1009·4	1008·2	1009·6
	Diff. mb.	-0·4	-0·8	-0·3	0·0	-0·3	-0·5	0·0	-0·4	-0·2	-0·2	-0·1	-0·6	-0·3
1923	mb.	1008·0	1009·1	1009·6	1008·5	1009·2	1010·3	1010·7	1012·3	1011·4	1011·0	1009·6	1008·9	1009·9
	Diff. mb.	-1·1	-0·2	+0·1	-1·0	-0·7	0·0	0·0	+1·2	+0·5	+0·6	+0·1	+0·1	0·0
1924	mb.	1010·3	1008·7	1009·5	1009·1	1009·3	1010·6	1011·1	1011·0	1010·8	1009·5	1009·1	1009·5	1009·9
	Diff. mb.	+1·2	-0·6	0·0	-0·4	-0·6	+0·3	+0·4	-0·1	-0·1	-0·9	-0·4	+0·7	0·0
1925	mb.	1007·5	1008·0	1008·6	1010·0	1009·9	1010·4	1011·8	1010·9	1011·5	1011·4	1009·9	1009·9	1010·0
	Diff. mb.	-1·6	-1·3	-0·9	+0·5	0·0	+0·1	+1·1	-0·2	+0·6	+1·0	+0·4	+1·1	+0·1
1926	mb.	1009·7	1010·4	1010·6	1010·0	1009·7	1011·1	1010·8	1011·7	1010·6	1009·9	1009·1	1008·3	1010·2
	Diff. mb.	+0·6	+1·1	+1·1	+0·5	-0·2	+0·8	+0·1	+0·6	-0·3	-0·5	-0·4	-0·5	+0·3

Table of Authorities:
Authority for Current Data, insert "and MS. data". Period of Normals, insert P = 1901-25. Remarks, insert P reduced to mean of 24 hrs.

1921-1926:-

1002. Apia, Samoa. Pressure: Mean at M.S.L. and diff. from normal should read:-

		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1921	mb.	1008·5	1009·9	1010·0	1009·2	1010·4	1013·0	1011·0	1012·4	1011·8	1011·5	1009·1	1008·7	1010·5
	Diff. mb.	+0·9	+1·6	+0·9	-0·6	-0·5	+1·5	-0·8	+0·3	-0·2	+0·3	-0·2	+0·6	+0·4
1922	mb.	1007·1	1009·0	1009·5	1009·8	1011·2	1011·1	1011·2	1012·0	1011·9	1011·0	1009·0	1008·5	1010·1
	Diff. mb.	-0·5	+0·7	+0·4	0·0	+0·3	-0·4	-0·6	-0·1	-0·1	-0·2	-0·3	+0·4	0·0
1923	mb.	1007·6	1008·3	1007·0	1010·2	1010·2	1010·7	1011·0	1010·8	1010·5	1011·6	1008·8	1009·1	1009·6
	Diff. mb.	0·0	0·0	-2·1	+0·4	-0·7	-0·8	-0·8	-1·3	-1·5	+0·4	-0·5	+1·0	-0·5
1924	mb.	1006·3	1008·7	1009·6	1009·6	1010·8	1012·0	1011·9	1012·3	1012·2	1012·3	1010·2	1007·5	1010·3
	Diff. mb.	-1·3	+0·4	+0·5	-0·2	-0·1	+0·5	+0·1	+0·2	+0·2	+1·1	+0·9	-0·6	+0·2
1925	mb.	1007·1	1008·7	1008·6	1010·1	1010·0	1010·3	1011·9	1010·5	1012·1	1010·5	1010·2	1006·4	1009·7
	Diff. mb.	-0·5	+0·4	-0·5	+0·3	-0·9	-1·2	+0·1	-1·6	+0·1	-0·7	+0·9	-1·7	-0·4
1926	mb.	1006·8	1006·5	1008·0	1010·4	1010·8	1011·6	1011·2	1012·4	1011·9	1010·2	1009·1	1008·9	1009·8
	Diff. mb.	-0·8	-1·8	-1·1	+0·6	-0·1	+0·1	-0·6	+0·3	-0·1	-1·0	-0·2	+0·8	-0·3

Table of Authorities:
Authority for Current Data, Revised MS. data supplied by Director, Apia Observatory. Period of Normals, should read P, 1890-1930.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year

			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1926-1927															
254. Touroukhansk. Insert the following pressure, temperature and precipitation:-															
1926.	Station Level	mb.	1011·1	1011·8	1012·4	1007·6	1005·8	1009·9	998·2	999·4	1006·7	1005·9	1011·2	1021·9	1008·4
	M. S. L.	mb.	1017·3	1018·1	1018·3	1013·4	1011·6	1015·4	1013·5	1014·7	1012·3	1011·6	1017·3	1028·2	1014·2
	Diff.	mb.	-5·0	-2·3	+2·0	-2·1	-1·1	+6·3	+8·0	+4·8	0·0	-2·0	+0·6	+8·2	-0·3
24 hr.	Mean.	°A.	250·3	244·4	265·1	268·1	266·1	279·2	289·0	289·3	277·3	272·4	254·2	247·3	266·9
	Diff.	°A.	+5·6	-4·8	+8·8	+5·4	-5·7	-2·2	+0·2	+4·0	-0·5	+6·3	+2·1	+2·1	+1·7
	Total	mm.	..	..	..	..	..	..	+ 6	+19	+54	+25	..	..	..
	Diff.	mm.	..	..	..	..	..	..	56	75	105	57	..	..	..
1927.	Station Level	mb.	1018·0	1021·4	1011·9	1009·0	1007·6	1003·9	1005·1	1004·6	1003·0	1008·7	1004·7	1014·0	1009·4
	M. S. L.	mb.	1024·6	1027·6	1018·0	1014·8	1013·2	1009·3	1010·5	1010·0	1008·5	1014·4	1010·9	1020·4	1015·2
	Diff.	mb.	+2·3	+7·2	+1·7	-0·7	+0·5	+0·2	+5·0	+0·1	-3·8	+0·8	-5·8	+0·4	+0·7
24 hr.	Mean.	°A.	235·3	254·7	253·4	264·5	276·7	284·8	284·6	285·3	281·0	270·2	248·0	244·3	265·3
	Diff.	°A.	-9·4	+5·5	-2·9	+1·8	+4·9	+3·4	-4·2	0·0	+3·2	+4·1	-4·1	-0·9	+0·1
	Total	mm.	..	..	..	..	61	33	56	66	65	37	27	13	..
	Diff.	mm.	..	..	..	..	+37	- 7	+ 6	+10	+14	+ 5	+ 7	0	..
262. Iakoutsk. Height should read 108m. Insert the following pressure, temperature and precipitation:-															
1926.	Station Level	mb.	1011·0	1011·1	1003·8	1001·0	995·2	995·8	993·1	996·0	1001·1	1007·2	1007·1	1015·9	1003·2
	M. S. L.	mb.	1027·1	1027·1	1018·5	1015·0	1008·4	1008·8	1005·6	1008·7	1014·3	1021·5	1022·2	1021·9	1017·3
	Diff.	mb.	-3·2	+0·4	-1·6	+1·6	-0·8	+3·3	+0·6	+1·2	+2·1	+5·4	+1·3	-3·3	+1·3
24 hr.	Mean.	°A.	233·7	236·3	253·5	264·4	278·6	284·2	292·4	289·4	280·8	264·3	247·3	236·0	263·4
	Diff.	°A.	+4·4	-1·3	+3·0	-0·7	0·0	-4·4	+0·6	+1·6	+1·7	-0·8	+1·8	+3·0	+0·7
	Total	mm.	6	4	8	6	12	31	17	51	10	4	10	9	168
	Diff.	mm.	- 3	- 1	+ 3	- 3	- 5	- 6	-23	+ 2	-15	-14	- 1	- 1	-67
1927.	Station Level	mb.	1009·2	1013·1	1010·6	1001·0	999·4	993·2	991·9	994·8	999·8	1007·8	1005·2	1007·6	1002·8
	M. S. L.	mb.	1025·7	1029·3	1025·7	1014·9	1012·7	1006·0	1004·5	1007·7	1013·0	1021·7	1020·0	1023·6	1016·9
	Diff.	mb.	-4·6	+2·6	+5·6	+1·5	+3·5	+0·5	-0·5	+0·2	+0·8	+5·6	-0·9	-1·6	+0·9
24 hr.	Mean	°A.	227·3	231·9	249·0	266·6	279·2	288·5	290·1	286·4	281·0	2 8·6	252·1	234·4	263·0
	Diff.	°A.	-2·0	-5·7	-1·5	+1·5	+0·6	-0·1	-1·7	-1·4	+1·9	+3·5	+6·6	+1·4	+0·3
	Total	mm.	3	4	7	11	9	4	54	39	20	8	6	10	175
	Diff.	mm.	- 6	- 1	+ 2	+ 2	- 8	-33	+14	-10	- 5	-10	- 5	0	-60
355 ✓Minousinsk. Height should read 249m. Insert the following pressure, temperature and precipitation:-															
1926.	Station Level	mb.	999·9	999·0	996·2	987·1	985·1	981·4	977·5	980·3	987·1	995·1	99 ·0	1001·8	990·4
	M. S. L.	mb.	1033·8	1032·8	1028·0	1017·6	1015·3	1010·2	1005·9	1009·3	1017·0	1026·3	1027·2	1036·3	1021·5
	Diff.	mb.	+2·0	+1·6	+0·2	-3·2	+0·1	+1·0	-0·6	-0·3	-0·9	+2·9	-0·6	+4·3	+0·4
24 hr.	Mean	°A.	254·0	254·3	269·3	278·6	280·6	291·3	294·7	289·8	284·0	274·8	265·8	249·9	274·0
	Diff.	°A.	+1·2	-0·7	+6·2	+3·3	-2·8	+1·0	+1·4	-0·5	+0·9	+0·5	+1·5	-5·9	+0·6
	Total	mm.	7	4	4	21	29	40	28	113	65	49	8	19	387
	Diff.	mm.	0	- 1	- 1	+ 8	- 6	-10	-25	+51	+33	+28	- 2	+ 8	+83
1927.	Station Level	mb.	998·3	1002·6	994·0	990·4	988·2	981·8	978·7	980·3	986·3	991·6	992·8	996·7	990·3
	M. S. L.	mb.	1032·2	1036·5	1026·9	1021·3	1017·9	1010·9	1007·3	1009·3	1016·1	1022·6	1025·0	1030·2	1021·4
	Diff.	mb.	+0·4	+5·3	-0·9	+0·5	+2·7	+1·7	+0·8	-0·3	-1·8	-0·8	-2·8	-1·8	+0·3
24 hr.	Mean	°A.	253·6	254·4	259·8	275·5	285·7	289·1	293·0	289·4	284·2	275·0	265·5	256·1	273·5
	Diff.	°A.	+0·8	-0·6	-3·3	+0·2	+2·3	-1·2	-0·3	-0·9	+1·1	+0·7	+1·2	+0·3	+0·1
	Total	mm.	4	6	9	31	75	57	35	63	44	16	8	23	371
	Diff.	mm.	- 3	+ 1	+ 4	+18	+40	+ 7	-18	+ 1	+12	- 5	- 2	+12	+67
356. Eniseisk. Height should read 81·2m. Insert the following pressure, temperature and precipitation:-															
1926.	Station Level	mb.	1015·5	1015·5	1015·9	1005·6	1002·7	1001·9	996·2	998·3	1006·0	1012·4	1012·2	1021·8	1008·7
	M. S. L.	mb.	1026·6	1026·6	1026·5	1015·9	1012·8	1011·6	1005·7	1007·9	1016·0	1022·7	1022·9	1033·2	1019·0
	Diff.	mb.	-0·1	+0·1	+3·4	-1·9	+0·3	+3·8	-0·4	-0·8	+0·3	+4·2	+0·9	+6·8	+1·3
24 hr.	Mean	°A.	255·2	254·8	267·2	270·7	276·3	288·7	290·8	289·1	280·5	274·1	262·4	248·9	271·6
	Diff.	°A.	+3·7	0·0	+4·8	-0·9	-3·7	+0·6	-1·1	+0·5	-1·0	+2·4	+1·9	-4·1	+0·3
	Total	mm.	28	16	5	29	22	16	70	51	55	31	20	11	354
	Diff.	mm.	+ 8	+1	- 8	+11	-10	-44	+ 8	-14	+13	- 8	-11	-16	-70
1927.	Station Level	mb.	1016·7	1021·4	1012·4	1007·4	1005·6	999·8	998·7	999·9	1003·5	1008·4	1007·8	1016·2	1008·2
	M. S. L.	mb.	1028·2	1032·5	1023·4	1017·7	1015·5	1009·4	1008·3	1009·6	1013·4	1018·7	1018·6	1027·4	1018·6
	Diff.	mb.	+1·5	+6·0	+0·3	-0·1	+3·0	+1·6	+2·2	+0·9	-2·3	+0·2	-3·4	+1·0	+0·9
24 hr.	Mean	°A.	246·3	256·3	256·8	271·0	282·6	289·1	289·1	287·0	282·5	273·5	259·5	250·1	270·3
	Diff.	°A.	-5·2	+1·5	-5·6	-0·6	+2·6	+1·0	-2·8	-1·6	+1·0	+1·8	-1·0	-2·9	-1·0
	Total	mm.	23	14	6	33	45	78	77	40	47	37	67	19	486
	Diff.	mm.	+ 3	- 1	- 7	+15	+13	+18	+15	-25	+ 5	- 2	+36	- 8	+62
357. Irkutsk. Insert the following pressure, temperature and precipitation:-															
1926.	Station Level	mb.	970·6	969·4	970·3	960·6	956·6	955·6	952·0	953·9	961·0	968·4	967·5	973·2	963·2
	M. S. L.	mb.	1033·2	1031·4	1029·6	1017·3	1012·1	1009·7	1005·2	1007·6	1016·5	1026·3	1027·6	1036·8	1020·9
	Diff.	mb.	+0·4	-0·3	+2·3	-2·4	-1·9	+0·9	-1·3	-2·1	-1·7	+3·3	-0·4	+5·2	0·0
24 hr.	Mean	°A.	253·9	256·1	267·6	276·7	281·0	288·2	291·2	288·9	282·2	273·3	263·3	250·8	272·7
	Diff.	°A.	+1·9	+1·4	+4·7	+3·3	-0·2	+0·7	+0·9	+1·1	+1·3	+0·4	+1·0	-3·5	+1·0
	Total	mm.	6	6	5	12	24	48	94	84	78	21	11	15	404
	Diff.	mm.	- 3	- 1	- 2	- 3	- 9	- 8	+10	+ 8	+36	+ 3	- 6	+ 1	+26
1927	Station Level	mb.	968·6	972·3	965·1	962·3	961·0	953·8	953·1	955·0	960·4	965·2	963·9	968·7	962·4
	M. S. L.	mb.	1031·6	1034·4	1025·6	1020·0	1016·6	1008·0	1006·6	1009·4	1015·8	1023·0	1023·2	1031·0	1020·2
	Diff.	mb.	-1·2	+2·7	-1·7	+0·3	+2·6	-0·8	+0·1	-0·3	-2·4	0·0	-4·8	-0·6	-0·7
24 hr.	Mean	°A.	252·2	256·6	261·1	272·6	281·6	287·1	290·0	286·1	282·7	273·1	265·8	254·8	271·9
	Diff.	°A.	+0·2	+1·9	-1·8	-0·8	+0·4	-0·4	-0·3	-1·7	+1·8	+0·2	+3·5	+0·5	+0·2
	Total	mm.	6	11	5	13	68	142	89	87	26	11	13	13	484
	Diff.	mm.	- 3	+ 4	- 2	- 2	+35	+86	+ 5	+11	-16	- 7	- 4	- 1	+106
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year

			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1926-1927-continued:-															
358. ✓Kirensk. Insert the following pressure, temperature and precipitation:-															
1926.	Station Level	mb.	991·5	989·1	991·2	982·2	976·8	976·8	973·5	974·6	982·4	989·4	988·8	997·4	984·4
	M. S. L.	mb.	1029·4	1026·4	1027·1	1016·9	1010·7	1009·4	1005·5	1006·7	1016·0	1024·5	1025·6	1037·0	1019·4
	Diff.	mb.	-0·6	-3·2	+3·2	+0·2	-1·1	+2·3	-0·4	-1·7	-0·1	+4·0	+0·8	+7·3	+0·7
24 hr.	Mean	°A.	252·3	255·9	265·5	273·0	278·0	288·5	291·6	291·2	281·5	271·9	258·8	243·1	270·9
	Diff.	°A.	+6·4	+5·4	+5·4	+2·1	-2·0	+0·4	0·0	+2·8	+1·3	+1·4	+1·0	-4·4	+1·6
	Total	mm.	21	12	3	5	32	34	27	46	24	23	12	14	253
	Diff.	mm.	+ 1	- 2	- 8	- 7	+ 8	-14	-28	-10	-18	- 4	-13	-10	-105
1927.	Station Level	mb.	990·4	993·4	987·6	981·8	981·6	974·8	974·2	976·6	981·0	987·0	983·6	992·0	983·6
	M. S. L.	mb.	1029·4	1031·0	1024·7	1017·0	1015·4	1007·1	1006·5	1009·5	1014·6	1022·0	1020·1	1030·8	1018·8
	Diff.	mb.	-0·6	+1·4	+0·8	+0·3	+3·6	0·0	+0·6	+1·1	-1·5	+1·5	-4·7	+1·1	+0·1
24 hr.	Mean	°A.	245·2	255·2	257·0	268·9	280·2	289·4	289·4	286·2	281·5	271·7	260·1	246·8	269·3
	Diff.	°A.	-0·7	+4·7	-3·1	-2·0	+0·2	+1·3	-2·2	-2·2	+1·3	+1·2	+2·3	-0·7	0·0
	Total	mm.	19	13	12	11	23	39	139	62	41	22	23	6	410
	Diff.	mm.	- 1	- 1	+ 1	- 1	- 1	- 9	+84	+ 6	- 1	- 5	- 2	-18	+52
1927:-															
263 ✓Verkhoiansk. Insert the following pressure, temperature and precipitation:-															
1927	Station Level	mb.	999·8	1005·5	1004·2	995·8	993·0	987·4	983·9	989·9	995·0	999·1	993·4	998·8	995·5
	M. S. L.	mb.	1015·1	1020·7	1018·6	1008·9	1005·2	999·2	995·6	1001·9	1007·3	1012·1	1007·2	1013·6	1008·7
	Diff.	mb.	-7·8	-1·5	+1·1	-2·5	-2·3	-4·4	-8·9	-5·6	-2·6	-0·1	-9·3	-10·0	-4·6
24 hr.	Mean	°A.	223·9	227·3	238·2	261·3	277·8	286·2	288·0	283·6	276·8	263·6	247·6	231·7	258·8
	Diff.	°A.	+1·0	-1·4	-3·8	+1·2	+2·7	+0·4	-0·5	0·0	+1·5	+5·2	+11·0	+5·0	+1·4
	Total	mm.	10	3	1	3	7	14	72	23	20	4	5	8	170
	Diff.	mm.	+ 6	0	- 1	- 1	0	-10	+46	- 1	+ 7	- 3	- 2	+ 4	+45
359. ✓Tchita. Height should read 685m. Insert the following pressure, temperature and precipitation:-															
	Station level	mb.	935·4	937·4	934·2	929·3	930·1	924·6	924·7	926·6	931·7	934·7	933·0	937·0	931·5
	M. S. L.	mb.	1026·4	1027·2	1020·9	1011·9	1010·1	1001·7	1000·7	1004·8	1011·5	1018·1	1019·9	1029·1	1014·9
	Diff.	mb.	-6·4	-3·3	-3·1	-2·9	+1·1	-2·9	-3·0	-2·3	-2·5	-2·2	-5·5	-1·8	-3·2
24 hr.	Mean	°A.	250·4	254·1	262·0	272·7	281·2	289·4	292·6	286·4	282·6	272·0	261·1	247·9	271·0
	Diff.	°A.	+4·3	+2·9	+1·0	-0·8	+0·1	+0·7	+1·2	-2·0	+1·3	+0·5	+2·3	-0·7	+0·9
	Total	mm.	1	0	4	8	2	40	62	109	12	4	20	0	262
	Diff.	mm.	- 2	- 2	+ 1	- 3	-26	- 7	-22	+25	-19	- 9	+16	- 4	-71
360. Nertchinskii Zavod. Insert the following pressure, temperature and precipitation:-															
	Station Level.	mb.	945·1	946·6	944·8	938·3	937·5	933·6	933·5	935·6	940·8	942·0	942·6	945·6	940·6
	M. S. L.	mb.	1030·1	1030·8	1025·2	1013·8	1010·1	1004·0	1002·7	1006·7	1013·2	1017·5	1022·4	1030·8	1017·1
	Diff.	mb.	-2·0	+0·7	+2·0	+0·7	+2·2	-0·7	-1·6	-0·5	-0·4	-1·9	-2·3	+2·2	-0·3
24 hr.	Mean	°A.	244·4	246·7	257·6	272·0	281·6	288·7	293·0	286·8	283·4	273·0	258·8	243·9	269·2
	Diff.	°A.	+0·7	-2·1	-1·4	-0·7	0·0	+0·3	+1·1	-2·1	+1·6	+1·6	+1·2	-3·0	-0·2
	Total	mm.	0	2	5	23	19	41	114	72	28	13	16	2	335
	Diff.	mm.	- 2	0	0	+ 9	- 9	-21	+ 6	-33	-17	0	+ 9	- 2	-60
362. Blagovyeschchensk (Bureau Météor). Insert the following pressure, temperature and precipitation:-															
	Station Level.	mb.	1002·0	1003·6	1000·8	995·0	990·4	986·0	986·4	988·6	994·7	995·8	999·5	1002·0	995·4
	M. S. L.	mb.	1021·6	1023·0	1019·3	1012·6	1007·4	1002·5	1002·6	1005·1	1011·6	1013·3	1017·9	1021·4	1013·1
	Diff.	mb.	-3·6	+0·1	+0·5	+1·1	+0·2	-2·3	-2·9	-1·7	-0·9	-3·8	-2·2	-1·7	-1·5
24 hr.	Mean	°A.	249·3	251·6	263·7	276·3	283·6	290·7	294·9	290·9	286·3	276·8	264·8	251·5	273·4
	Diff.	°A.	+0·2	-3·3	+0·1	+0·9	+0·2	+0·3	+0·6	-1·1	+1·2	+2·2	+3·3	+0·3	+0·4
	Total	mm.	7	3	10	24	28	103	88	73	28	47	11	3	425
	Diff.	mm.	+ 4	0	+ 2	0	-12	+20	-25	-42	-41	+28	+ 3	- 1	-64
443. Odessa (Observatory). Insert the following temperature:-															
	Mean Max.	°A.	272·7	270·9	280·3	285·3	290·3	297·7	300·2	300·9	296·9	290·0	283·7	271·2	286·7
	Mean Min.	°A.	268·4	266·7	274·6	278·2	283·3	289·6	291·0	292·3	288·7	282·2	276·7	265·7	279·8
	½ (M + m).	°A.	270·5	268·8	277·5	281·7	286·8	293·7	295·6	296·6	292·8	286·1	280·2	268·5	283·3
Table of Authorities: Insert "and MS. data".															
464. Vladivostok. Insert the following pressure, temperature and precipitation:-															
	Station Level.	mb.	1004·3	1004·3	1003·2	1001·4	992·8	991·5	991·0	992·3	997·1	999·6	1002·0	1003·4	998·6
	M. S. L.	mb.	1021·5	1021·3	1019·7	1017·4	1008·3	1006·8	1005·9	1007·2	1012·3	1015·2	1018·2	1020·4	1014·5
	Diff.	mb.	-2·1	-0·5	+1·4	+3 0	-2·0	-1·5	-2·3	-2·3	-2·0	-3·0	-2·5	-1·1	-1·3
24 hr.	Mean	°A.	258·6	260·6	268·7	276·9	281·9	286·3	292·1	293·2	288·7	283·3	272·1	261·1	277·0
	Diff.	°A.	-0·7	-2·4	-1·5	-0·6	-0·7	-0·6	+0·5	-0·6	-0·9	+1·0	-0·1	-2·1	-0·7
	Total	mm.	1	1	41	19	119	81	133	279	102	61	78	10	925
	Diff.	mm.	- 6	- 8	+25	-12	+69	+11	+56	+169	-10	+15	+49	- 3	+355
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A. and B.	†24 hr. Mean. °	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
201	Probrajenye 1926	64 52	175 18	?31														
	September				1009·8	..	..	282·0	285·4	19th	277·9	272·2	28th	279·9	..	..	..	..
	October				1007·9	..	..	275·6	282·2	9th	270·8	262·4	30th	273·2	..	..	..	..
	November				1003·9	..	..	..	..	..	268·4	261·5	15th	..	‡270·9	..	..	..
	December				1014·6	..	..	..	..	..	252·2	243·0	31st	..	‡255·4	..	..	..

No.	Name of Station.	Authority for Current Data	Period of Normals	Remarks
201	Preobrajenye	Lenigrad, Admin. de l'Hydrogr., Obs. des stations hydrométéor., 1926.	..	P, &, (Nov., Dec.) = ½(7+13+21).
254	Touroukhansk	Washington, Smiths. Inst., Misc. Coll., 90, 1934.	P, (1871-95). &, 35 yrs., 1843-44; '77-1920. R, 35 yrs., 1877-1922.	e P = ½(7+13+21). & derived from these hours.
262	Iakoutsk	Do. do.	P, 33 yrs., 1888-1907; '11-26. &, 35 yrs., 1888-1924. R, 35 yrs., 1837-1918.	e Do. do.
263	Verkhoiansk	Do. do.	P, 15 yrs., 1901-20. &, 35 yrs., 1883-1928. R, 25 yrs., 1886-1916	e Do. do.
355	Minousinsk	Do. do.	P, 35 yrs., 1889-1926. &, 35 yrs., 1885-1923. R, 35 yrs., 1874-1926.	e Do. do.
356	Eniseisk	Do. do.	P, 35 yrs., 1889-1925. &, 1881-1915. R, 49 yrs., 1871-1922.	e Do. do.
357	Irkutsk	Do. do.	P, 1881-1926. &, 1881-1920. R, 1887-1921.	e Do. do.
358	Kirensk	Do. do.	P, 25 yrs., 1896-1924. &, 35 yrs., 1892-1929. R, 27 yrs., 1892-1922.	e Do. do.
359	Tchita	Do. do.	P, &, 35 yrs., 1890-1929. R, 25 yrs., 1887-1915.	e Do. do.
360	Nertchinskii Zavod	Do. do.	P, &, 1881-1918. R, 74 yrs., 1839-1919.	e Do. do.
362	Blagovyeshchensk (Bureau Météor)	Do. do.	P, 25 yrs., 1890-1921. &, 35 yrs., 1881-1921. R, 35 yrs., 1877-1926.	e Do. do.
464	Vladivostok	Do. do.	P, 1876-1921. &, R, 1873-1921	e Do. do.

RÉSEAU MONDIAL, JANUARY 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

JANUARY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A. and B.	†24 hr. Mean. °	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	?2	1017·9	1018·2	..	253·5	270·7	12th	244·2	233·5	27th	248·8	..	..	46	..
108	≠Barrow	71 23	156 17	7·0	..	1024·4	..	250·4	269·7	12th, 13th	241·7	233·6	3rd	246·1	..	-0·6	0	- 4
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*257·0*	+6·1	32	+21
131	Myggbukta	73 30	21 30	3·2	..	1009·2	..	..	269·0	23rd	..	227·5	4th	..	*251·9*	..	9	..
132	Scoresbysund	70 29	21 58	16·9	1003·1	1005·3	..	260·8	273·0	22nd, 24th	252·5	234·5	31st	256·7	*256·8*	..	81	..
135	≠Jan Mayen	70 59 W	8 18	23·1	996·2	999·1	- 1·8	..	275·0	26th	265·3	255·0	5th	..	*268·5*	-1·4	15	-26
139	Spitsbergen (Green Harbour)	78 2 E	14 15	10·6	1003·6	1005·0	- 0·2	..	272·3	21st	253·3	236·4	3rd	..	257·7	+0·4	16	-19
140	Björnöen	74 23	19 17	40·5	996·4	1001·6	- 1·2	..	274·8	8th	262·8	247·0	2nd	..	*265·6*	-1·6	54	+17
141	Ingøy	71 4	24 6	7·5	999·9	1000·9	- 3·0	..	274·9	7th	256·8	261·3	27th	..	*269·6*	-2·1	14	-36
142	Mehavn	71 1	27 47	10·2	1001·9	1003·2	+ 1·6	..	272·3	29th	262·6	257·7	26th	..	*265·9*	-2·1	40	-27
143	Vardö	70 22	31 6	11·8	1003·3	1004·8	+ 0·9	..	271·8	22nd	263·5	257·4	8th	..	*265·8*	-1·7	42	-23
147	Malye Karmakouly	72 23	52 43	15·3	1009·4	1011·4	+ 3·7	260·7	271·8	15th	253·0	238·0	1st	256·9	*257·1*	-0·2	7	-17
148	Waigatz	70 24	58 47	11·2	1014·0	1015·5	..	255·6	264·8	8th	247·4	237·3	1st	251·5	*251·6*	-4·5	4	- 5
153	Dickson	73 31	80 23	13·0	1014·8	1016·6	+ 3·1	..	..	..	240·3	230·9	10th	..	*243·4*	-4·2	..	..
162	Bouloune	70 45 N.	127 47 E.	35	1016·6	1021·9	..	..	..	..	225·7	217·1	8th	..	*229·8*	-2·3	7	..

BETWEEN LATITUDE 70° N. AND 60° N.

JANUARY - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 18	?31	1008·4	1014·5	..	..	..	..	256·7	245·1	9th	..	*260·8*	..	..	..
203	Nome	64 30	165 24	6·7	1009·0	1009·8	+ 0·4	267·0	273·6	7th, 8th	257·2	240·8	2nd	262·1	*262·4*	+6·5	7	-20
204	Candle	65 55	161 57	2·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	..	275·2	sev. dates	..	..	..	..	..	..	..	..
205	Tanana	65 10	152 6	69·5	1008·4	1017·3	+ 3·9	257·6	277·4	8th	248·7	231·9	4th	253·2	*253·1*	+6·5	15	- 2
206	Rampart	65 30	150 15	114	..	..	..	252·9	277·4	8th, 9th	245·4	232·4	4th	249·1	..	+4·5	17	0
207	Valdez	61 7	146 16	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
208	Eagle	64 46	141 12	248	988·1	1021·3	+ 4·8	252·2	270·2	9th	242·2	224·1	29th	247·2	*247·2*	+0·1	8	- 3
209	Dawson	64 4	139 29	324	982·6	1028·3	+ 4·5	244·7	261·3	1st	240·2	229·7	28th, 29th	242·4	*242·4*	-0·4	10	-11
210	Carcross	60 11	134 34	662	..	..	..	254·9	274·7	5th	244·9	227·4	19th	249·9	..	-3·8	21	+ 8
210a	Mayo Landing	63 35	135 51	?579	942·4	1022·0	..	..	..	..	239·1	225·8	23rd	..	..	..	11	..
211	Fort Good Hope	66 25	128 53	65·2	1018·2	1025·5	+ 3·5	251·3	278·6	9th	238·6	221·3	24th	244·9	..	+2·4	7	-11
212	≠Fort Simpson	61 52	121 35	129	..	..	..	252·4	267·4	9th	243·0	226·9	24th	247·7	..	+3·1	4	-12
213	Hay River	60 51	115 20	181	997·1	1019·2	- 0·3	253·6	275·8	1st	245·8	230·8	30th	249·7	..	+3·0	10	- 6
225	Jacobshavn	69 13	51 2	31·6	994·0	998·1	- 5·1	265·8	272·5	26th	258·7	251·3	21st	262·3	*262·3*	+7·3	6	- 3
226	Godthaab	64 11	51 43	20·4	..	..	..	259·3	277·0	26th	263·1	257·6	21st	266·2	*266·1*	+2·9	6	-31
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	992·6	996·3	- 0·8	268·9	278·5	25th	263·3	258·0	12th	266·1	*266·2*	+1·2	58	-26
231	Stykkisholm	65 5	22 46	25	..	993·2	- 4·2	273·1	278·5	24th	268·2	259·4	4th	270·7	*270·6*	-0·2	43	-28
232	Vestmanno	63 24	20 17	132	..	991·2	- 7·1	275·8	280·3	7th	270·0	258·5	4th	272·9	*272·8*	-1·0	115	-31
233	Grimsey	66 33	18 1	22·0	..	994·6	- 6·0	272·2	276·8	6th	268·0	257·4	4th	270·1	*270·0*	-1·2	15	- 1
234	Teigarhorn	64 41	14 22	18·0	..	993·6	- 8·4	274·2	278·2	10th	269·7	258·7	4th	271·9	*271·5*	-0·5	88	-38
235	Højvig	62 3	6 45	22·9	990·3	993·1	-10·7	279·0	283·0	1st	273·4	264·1	1st	276·2	*276·6*	+0·3	215	+44
236	Lerwick	60 8 W	1 11	18·0	..	995·1	-11·5	279·1	283·0	9th	276·0	268·6	4th, 5th	277·6	*277·8*	+0·6	176	+68
237	Bergen (Met.Obs.)	60 24 E	5 19	44·4	994·5	1000·0	- 9·6	278·1	281·7	27th	273·7	266·5	8th	275·9	*276·0*	+1·3	316	+148
238	Aalesund	62 28	6 10	6·3	997·7	998·5	- 9·0	..	282·0	25th	273·6	269·5	2nd	..	*276·1*	+0·7	121	-13
239	Trondhjem	63 26	10 25	37·0	‡993·0	1000·4	- 7·4	274·8	280·1	29th	268·7	256·7	2nd	271·7	*271·9*	+1·5	54	-35
240	Bodö	67 17	14 24	22·3	997·2	1000·0	- 4·7	..	277·8	9th	267·6	260·6	1st	..	*270·5*	-0·9	78	- 7
241	Haparanda	65 50	24 9	9·2	1007·5	1008·7	- 0·9	264·3	274·0	28th	255·7	239·0	2nd	260·0	*260·4*	-1·4	52	+13
242	Helsingfors	60 10	24 57	11·7	1011·0	1012·5	- 0·1	269·8	276·2	29th	264·5	252·0	2nd	267·1	*267·4*	+0·7	58	+13
242a	Kuopio	62 55	27 40	233	982·3	1012·7	+ 0·9	263·2	274·6	30th	257·3	245·0	14th	260·3	*260·8*	-2·9	63	+17
243	Kola	68 53	33 0	6·7	1008·2	1009·1	+ 2·1	262·2	273·0	..	255·1	235·7	1st	258·7	*259·2*	-2·2	22	+10
244	Petrozavodsk	61 47	34 23	79·0	1006·4	1016·9	+ 2·2	262·8	275·7	30th	255·1	241·3	8th, 9th	258·9	*259·3*	-3·5	22	- 4
245	Arkhangelsk	64 34	40 31	6·3	1016·3	1017·1	+ 5·2	258·2	275·6	30th	250·9	238·2	7th	254·6	*254·8*	-4·7	37	+14
246	Mezen	65 50	44 16	14·9	1015·1	1017·1	+ 6·3	256·3	274·5	30th	249·4	238·7	7th	252·9	*253·2*	-5·0	18	+ 5
247	Oust-Tsylma	65 25	52 18	68	1010·7	1020·1	+ 9·5	253·8	274·3	31st	245·5	233·9	10th	249·7	*250·1*	-4·4	9	-12
248	≠Tcherdyn	60 24	56 31	?208	996·2	1024·5	+ 4·6	256·3	272·8	31st	248·4	235·6	18th	252·4	*252·6*	-2·7	18	-20
249	Berezov	63 56	65 4	46	1018·0	1024·6	+10·5	248·8	264·0	31st	240·1	227·8	3rd	244·4	*244·7*	-4·8	11	- 6
250	Obdorsk	66 31	66 36	35·2	1019·2	1024·2	+ 8·8	247·2	259·8	19th	240·1	230·9	4th	243·7	*243·9*	-3·8	3	- 6
251	New Port	67 42	72 57	3·3	..	..	..	245·9	257·5	15th	238·0	230·0	5th	242·0	*242·9*	..	5	..
252	Sourgout	61 15	73 24	40	1018·8	1024·5	+ 5·6	..	..	..	..	..	..	..	*243·1*	-6·8	20	+ 2
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	998·6	1023·4	..	..	..	..	225·2	215·4	12th	..	*229·4*	..	7	..
268	Naiakhan	61 55	158 59	29·0	998·7	1002·6	..	260·1	273·3	23rd	252·9	240·7	12th	256·5	*256·7*	..	14	..
271	Novo Mariinskii Post	64 45	177 33	? 17	1008·6	1010·9	- 4·8	..	273·0	11th	..	236·4	1st	..	*254·9*	+4·9	4	- 4
		° N.,	° E.,	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105. ≠Change of normals, see pages 105 and 106.

JANUARY - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	277·7	280·2	17th	273·9	269·1	1st	275·8	..	..	217	..
302	St. Paul Island	57 15	170 10	12·2	..	1000·7	- 4·2	276·1	278·0	20th	273·4	265·8	2nd	274·8	..	+7·1	10	-50
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1001·0	1001·3	- 0·8	278·7	282·4	15th	273·8	266·3	1st	276·3	*276·5*	+3·4	322	+187
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	♯Dillingham	59 0	158 28	24·4	..	..	..	270·9	275·8	5,14,23	265·0	250·8	30th	267·9	..	+3·4	69	+30
306	♯Kodiak (Radio)	57 47	152 22	4·6	1007·6	1008·4	+ 6·8	277·0	280·8	6th	271·8	263·6	1st	274·4	*274·5*	+2·8	‡59	-28
309	Sitka	57 3	135 19	19·8	..	..	..	278·2	282·4	27th	270·9	265·2	17,18,20	274·6	..	+1·7	99	-95
310	Prince Rupert	54 18	130 18	51·8	1005·8	1012·3	+ 1·1	278·6	285·2	9th	271·9	264·1	20th	275·2	*275·2*	+2·0	192	-64
311	Barkerville	53 2	121 35	1274	865·5	1019·8	+ 3·7	266·3	276·9	2nd	258·6	242·4	18th	262·4	*262·3*	-1·7	88	+ 3
312	Kamloops	50 41	120 29	385	976·5	1025·6	+ 2·1	269·8	286·3	3rd	263·9	243·4	21st	266·9	*267·1*	-1·0	39	+12
313	Calgary	51 2	114 2	1045	893·5	1022·2	+ 3·6	269·1	281·3	2nd	256·9	240·2	21st	263·0	*262·7*	+0·2	4	- 9
314	Fort Chipewyan	58 42	111 10	218	988·2	1017·8	- 2·0	255·5	277·4	26th	248·4	233·0	20th	251·9	*251·6*	+3·7	13	- 4
315	Prince Albert	53 10	105 38	442	964·9	1023·7	+ 3·6	260·2	280·2	1st	248·6	231·3	20th	254·4	*254·1*	+1·8	6	-14
316	Qu'Appelle	50 30	103 47	645	938·9	1022·5	+ 2·2	262·4	278·0	1st	251·9	231·3	20th	257·2	*256·9*	+2·2	10	-10
317	Minnedosa	50 15	99 50	515	955·0	1022·2	+ 2·1	280·3	276·9	1st	249·8	233·2	21st	255·1	*254·7*	+1·2	41	+19
318	Berens River	52 18	97 23	216	..	..	..	258·6	273·0	3rd,4th	247·2	233·0	21st	252·9	..	+1·7	0	-22
318a	Port Nelson	57 0	92 51	14·9	1011·5	1013·5	- 3·9	252·4	275·2	2nd	245·2	230·2	20th	248·8	..	+2·9	12	- 3
319	Pagwa	50 3	85 18	189	..	..	..	?260·1	?277·4	30th	?243·8	?233·0	18th,26th	?251·9	..	-1·9	37	0
320	Moose Factory	51 14	80 30	9·1	1016·4	1017·6	+ 1·1	259·7	273·0	29th	248·6	235·8	14,25,26	254·1	..	+1·5	30	- 2
321	Fort George	53 50	79 5	97·5	..	..	..	?255·2	?268·6	30th	?243·2	?229·7	13th	?249·2	..	+0·6	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	261·3	273·0	30th	247·1	228·0	15th	254·2	..	+2·2	62	+11
324	Natashquan	50 8	61 48	6·1	..	..	..	266·4	276·9	6th	256·1	238·6	26th	261·3	..	+3·6	104	+21
326	Belle Isle	51 53	55 23	130	993·8	1011·2	+ 4·1	266·4	274·7	5th Sea Temp.	260·1	243·0	27th	263·2	*263·2*	+3·1	..	..
331	55°-50°N. 30°-25°W.	††52 13	††27 13	§(21)	..	1020·1	..	..	..	283·3	+1·2	..	..	..	282·4	..	..	..
333	53°-48°N. 20°-15°W.	††50 22	††17 20	§(47)	..	1017·1	..	..	..	284·1	+0·1	..	..	..	281·9	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1007·8	1009·5	- 4·4	281·9	284·3	6th,8th	278·3	272·4	19th	280·1	280·3	+0·2	156	+ 7
335	Aberdeen	57 10	W 2 6	26·0	995·2	998·4	-11·9	279·1	286·6	9th	274·6	269·2	17th	276·9	277·0	+0·5	47	- 7
336	Greenwich	51 28	0 0	46·3	..	1009·9	- 6·4	281·0	284·7	9th	275·1	268·6	20th	278·1	278·0	+1·2	39	- 4
337	Uccle	50 48	E 4 22	100	999·5	1011·9	- 5·1	279·5	282·9	27th	274·9	270·3	22nd	277·2	277·0	+2·2	73	+10
338	De Bilt	52 6	5 11	3·0	1009·7	1010·1	- 6·4	279·1	282·9	10th	274·5	271·0	23rd	276·8	276·9	+2·1	51	- 3
338a	Hamburg	53 33	9 58	40·3	1004·8	1009·8	- 6·8	277·8	282·4	10th	274·2	266·0	24th	276·0	*276·2*	+2·8	57	+ 4
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1007·1	1007·7	- 7·5	277·0	280·9	10th	273·7	267·3	6th	275·3	*275·7*	+3·4	69	+30
340	Potsdam	52 23	13 4	84·9	1001·3	1011·9	- 5·8	277·2	281·2	10th	273·3	265·9	24th	275·3	275·0	+2·6	49	+ 9
340a	Uppsala	59 51	17 38	24	1004·8	1007·8	- 4·6	272·7	278·1	30th	267·9	256·9	2nd	270·3	270·7	+1·9	42	+10
341	Warsaw	52 13	21 3	89·9	1004·6	1016·0	- 3·3	272·8	276·9	1st	258·2	263·2	20th	270·5	*270·8*	..	25	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1005·1	1015·6	+ 0·4	268·4	277·6	30th	262·0	247·9	14th	265·2	265·2	-1·2	17	-14
343	Leningrad	59 56	30 16	4·8	1015·1	1016·8	+ 2·4	265·8	276·3	30th	260·2	247·2	13th	263·0	*263·3*	-1·9	22	- 2
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	8	-24
344a	Moscow	55 50	37 33	187	1002·7	1025·1	+ 5·8	261·3	274·4	5th	254·0	241·0	19th	257·7	*258·1*	-4·1	..	..
345	Saratov	51 32	46 2	127	1010·6	1027·7	+ 4·4	262·1	274·9	1st	254·1	242·5	17th	258·1	*258·8*	-1·2	15	..
346	Kasan	55 47	49 8	79·9	1015·6	1026·4	+ 6·0	260·1	274·9	30th	253·1	239·6	18th	256·6	*256·6*	-2·8	9	-14
347	Orenburg	51 45	55 6	109	1013·4	1028·2	+ 2·9	260·4	273·7	2nd	251·9	243·1	14th	256·1	*256·1*	-1·8	3	-26
348	Perm	58 1	56 16	163	1003·6	1025·8	+ 5·4	257·0	272·8	31st	248·8	234·1	18th	252·9	*253·4*	-3·8	46	+ 9
349	Sverdlovsk	56 50	60 38	281	987·8	1025·8	+ 5·1	257·6	272·5	31st	249·6	232·0	13th	253·6	*253·5*	-3·3	15	+ 4
350	♯Tobolsk	58 12	68 14	108	1011·4	1026·4	+ 5·5	..	..	..	246·2	233·7	14th	..	*250·7*	-3·4	20	+ 4
351	♯Akmolinsk	51 12	71 23	353	982·4	1030·2	+ 1·7	..	..	..	248·1	235·1	14th	..	*252·4*	-3·8	5	-10
352	♯Omsk	55 1	73 19	108	1011·8	1026·8	+ 1·5	256·3	273·8	1st	245·4	232·5	16th	250·8	*249·8*	-3·8	4	-10
353	Barnaoul	53 20	83 48	158	1009·5	1031·1	+ 1·7	..	274·6	3rd	248·4	231·7	16th	..	*253·2*	-2·2	25	+ 4
354	Tomsk	56 30	84 58	122	1011·9	1028·9	+ 2·9	254·5	274·3	1st	245·8	230·5	16th	250·2	*250·2*	-3·4	29	- 2
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1004·0	1009·8	- 6·9	254·6	264·4	7th	246·5	234·5	19th	250·6	*250·8*	+1·6	5	-10
366	Okhotsk	59 21	143 17	5·5	1003·2	1004·0	-10·9	254·2	266·9	14th	247·7	241·9	6th,12th	251·0	*250·9*	+1·6	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	983·1	994·1	- 9·7	..	..	..	264·6	257·4	17th	..	*266·8*	+4·7	27	-46
369	Kluchevskoye	56 21	160 48	? 30	993·6	997·4	..	..	..	..	257·3	245·6	8th	..	*261·7*	..	35	..
370	Nikolskoe	55 12	165 59	6·8	994·6	995·5	..	273·0	275·6	2nd	267·1	257·5	7th	270·0	..	..	23	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 and 107
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

JANUARY - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria B.C.	48 24	123 19	70·1	1007·4	1016·1	+ 0·1	276·9	283·7	2nd	275·8	266·8	21st	277·3	277·3	+0·4	67	-48
412	Portland, Oregon	45 32	122 41	46·6	1012·7	1018·3	- 0·3	279·2	286·3	3rd	274·6	261·9	22nd	276·9	*276·8*	+0·1	233	+87
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	270·9	286·3	2nd	261·2	241·3	20th	266·1	*266·1*	+1·1	5	-12
414a	Salt Lake City	40 46	111 54	1329	874·7	1022·7	+ 2·4	270·4	284·7	2nd	262·0	240·8	21st	266·2	*266·5*	-0·4	20	- 3
415	Cheyenne	41 8	104 48	1856	812·5	1021·0	+ 3·1	278·2	289·1	5th	255·3	253·6	21st	271·8	*271·6*	+2·2	4	- 6
416	North Platte	41 8	100 45	860	921·1	1024·7	+ 3·6	276·7	291·9	5th	263·1	250·8	22nd	269·9	*269·2*	+2·1	3	- 8
416a	Bismarck	46 47	100 38	510	959·0	1023·0	+ 2·5	267·8	279·7	2nd	258·2	240·8	21st	263·0	*262·9*	+2·7	6	- 7
417	Winnipeg	49 53	97 7	232	991·3	1022·4	+ 1·5	260·2	276·3	1st	252·6	237·4	21st	256·4	*256·3*	+3·3	9	-14
418	Duluth	46 47	92 6	345	977·9	1022·0	+ 3·1	264·2	277·4	3rd	254·7	240·8	26th	259·4	*259·2*	-0·4	18	- 8
419	Port Arthur																	
420	Chicago	48 27	89 12	196	995·2	1021·1	+ 3·0	263·0	274·1	3rd	254·7	237·4	26th	258·8	*258·8*	+0·7	17	- 2
421	Toronto	41 47	87 35	205	996·3	1022·0	+ 2·7	272·3	278·6	4th	265·7	250·2	15th	269·0	*269·1*	+0·7	29	-23
422	♯New York (Central Park)	43 40	79 24	115	1006·4	1021·4	+ 3·5	271·1	278·9	30th	263·2	245·7	26th	267·1	*267·2*	-0·5	40	-31
423	St. John, N.B.	40 47	73 58	47·4	1014·7	1020·7	+ 2·6	276·2	284·1	19th	268·6	254·7	27th	272·4	*272·3*	-0·1	52	-39
424	S.W. Point, Anticosti	45 17	66 4	36·3	1011·4	1016·1	+ 0·5	272·1	280·9	20th	264·7	250·1	27th	268·4	*268·3*	+2·5	117	- 5
424a	Sable Island (Main Station)	43 57	60 6	7·6	1016·0	1017·0	+ 2·8	276·9	283·0	5th,15th	272·4	258·6	27th	274·7	*274·5*	+2·5	181	+46
425	Port aux Basques																	
426	St. John's, Newfoundland	47 35	59 10	9·1	..	..	..	272·3	279·4	5th	267·1	253·0	27th	269·7	*269·8*	+2·7	264	+117
		47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid																	
436	Nantes	40 24	3 41	667	943·8	1024·0	- 0·1	281·8	287·9	9th,10th	274·5	267·4	20th	278·1	*277·4*	+0·4	14	-11
437	Paris (Parc St. Maur)	47 15 W	1 34	36·5	1011·1	1015·6	- 4·6	282·0	285·4	9th	276·8	270·5	20th	279·4	279·2	+1·8	85	+21
438	Marseille	48 49 E	2 30	50·3	1008·7	1015·0	- 5·1	280·1	283·8	25th	275·0	271·9	22nd	277·5	277·5	+1·9	78	+39
438a	Zürich	43 18	5 23	75	..	1014·5	- 2·9	284·4	288·1	12th	275·7	271·9	21st	280·1	*279·7*	-0·1	29	-13
439	Rome	47 23	8 33	493	957·9	1018·3	- 3·9	276·5	280·9	14th	271·9	267·3	29th	274·2	273·9	+2·1	81	+29
440	Vienna	41 54	12 27	45·5	1007·7	1013·2	- 3·1	284·8	287·9	9th	277·4	273·4	7th	281·1	*281·0*	+0·9	179	+96
440a	Budapest	48 15	16 22	203	991·1	1016·3	- 4·4	276·7	281·6	10th	273·2	268·8	31st	274·9	274·8	+3·4	65	+28
441	♯Sofia	47 31	19 1	130	1000·8	1017·1	- 4·0	277·6	281·7	13th	273·9	267·0	7th	275·7	275·5	+3·7	46	+ 8
442	Bucharest	42 42	23 20	550	952·0	1019·3	- 3·3	276·8	282·0	16th	270·6	259·5	8th	273·7	*273·6*	+2·8	49	+15
443	Odessa (Observatory)	44 25	26 6	82	1008·1	1019·5	- 1·7	275·2	281·6	2nd	269·8	261·3	31st	272·5	272·1	+2·3	84	+50
444	Kharkiv (University)	46 26	30 46	42·8	1015·1	1020·6	+ 0·1	..	280·5	5th	..	261·6	19th	..	*270·3*	-0·1	17	- 9
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1015·4	1020·1	+ 0·7	278·6	287·0	25th	270·9	253·7	18th	274·7	*274·6*	-1·2	58	-19
446	Astrakhan	41 43	44 48	404	975·0	1025·1	+ 2·2	277·1	282·9	2nd	269·7	262·1	22nd	273·4	*272·9*	-0·2	4	-10
447	Fort Alexandrovsk	46 21	48 2	- 20	1029·9	1027·3	+ 4·0	266·2	279·0	1st	259·3	243·4	18th	262·7	*262·8*	-3·1	23	+10
448	Krasnovodsk	44 31	50 7	- 23·0	1028·8	1026·0	+ 4·3	270·8	281·3	1st	264·2	254·3	19th	267·5	*267·6*	-1·7	5	- 4
449	Kasalinsk	40 0	52 59	- 4·6	1024·7	1023·9	+ 2·2	276·7	286·1	1st	270·8	261·3	20th	273·8	*273·3*	-2·3	6	- 7
450	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	*257·8*	-3·3	7	- 1
451	Naryuskoe	41 20	69 18	478	967·9	1028·1	+ 2·3	274·6	288·4	2nd	264·6	249·2	21st,22nd	269·6	*269·2*	-2·8	47	0
452	Alma Ata	41 26	76 13	2015	..	..	..	..	..	..	252·3	245·5	24th	..	*257·5*	+1·1	5	- 7
		43 16	76 53	841	924·6	1029·6	+ 0·9	270·6	282·3	2nd	259·5	249·9	22nd	265·1	*264·7*	+0·2	27	- 5
461	Moukden																	
462	Joshin	41 48	123 23	43·8	1020·9	1026·7	- 1·5	267·4	280·0	6th	256·9	248·7	16th	262·1	261·9	+1·9	3	- 2
463	Yuki	40 40	129 11	31·9	1016·3	1020·9	- 1·3	272·4	279·9	4th	262·4	252·4	22nd	267·4	267·1	+0·1	9	-13
464	Vladivostok	42 20	130 24	63·8	1012·9	1021·3	- 1·3	268·1	278·4	4th	259·9	252·6	22nd	264·0	263·9	+0·3	0	- 5
465	Ochiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Nemuro	47 20	142 47	27·4	1004·1	1007·7	- 5·5	265·8	276·3	7th	256·1	239·9	16th	260·9	261·5	+3·1	23	-17
466a	Syana	43 20	145 35	26·7	1005·3	1008·7	- 3·3	271·6	278·9	8th	264·9	259·0	29th	268·3	268·6	+0·6	29	- 5
		45 14 N.	147 53 E.	39·3	1000·8	1005·8	- 4·1	270·9	279·5	4th	265·1	253·5	28th	268·0	268·1	+0·6	114	+20

BETWEEN LATITUDE 40° N. AND 30° N.

JANUARY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
508	35°-30°N. 145°-143°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1014·4	1020·3	+ 0·4	236·4	289·1	5th	251·1	278·0	23rd	283·7	*283·4*	+1·0	96	-25
512	San Luis Obispo	35 18	120 39	61·3	1013·2	1020·6	+ 1·1	289·7	299·1	3rd	278·6	273·6	24th	284·1	..	+0·3	71	-57
512a	Sacramento	38 35	121 30	21·0	1018·3	1020·6	+ 0·6	285·1	289·1	11th	278·0	273·0	22nd	281·6	*282·1*	+0·9	58	-39
513	San Diego	32 43	117 10	25·5	1015·9	1019·3	+ 0·8	290·1	296·9	9th	281·9	277·4	25th	286·0	*285·6*	+0·8	8	-38
514	Modena	37 48	113 54	1868	838·3	1020·6	+ 0·9	279·4	290·2	4th	264·7	248·6	23rd	272·0	*271·7*	+1·6	14	- 9
515	Santa Fé	35 41	105 57	2138	789·1	1021·3	+ 3·5	280·7	287·4	4th	270·1	265·8	13th	275·4	*274·7*	+4·2	5	-12
516	Denver	39 45	105 0	1613	838·3	1021·0	+ 3·4	281·3	295·2	5th	268·3	256·9	21st	274·8	*274·6*	+3·0	5	- 6
517	Abilene	32 23	99 40	530	960·2	1023·0	+ 2·9	287·6	302·4	5th	274·2	265·2	15th	280·9	*280·1*	+1·0	22	0
518	Saint Louis	38 38	90 12	173	1002·5	1023·7	+ 3·3	276·9	288·0	3rd	268·6	253·6	15th	272·8	*272·6*	0·0	93	+35
519	Mobile	30 41	88 2	17·4	1022·1	1024·0	+ 3·2	289·7	296·3	21st	280·9	266·3	16th	285·3	*285·1*	+1·7	20	-100
520	Nashville	36 10	86 47	166	1004·1	1024·4	+ 3·0	282·3	294·1	21st	273·2	256·9	15th	277·7	*277·9*	+0·9	83	-37
521	Charleston	32 47	79 56	14·6	1021·6	1023·3	+ 2·3	287·7	298·6	24th	277·9	265·8	16th	282·8	*282·4*	-0·1	16	-62
522	Washington	38 54	77 3	34·1	1018·0	1022·3	+ 1·9	278·1	297·4	22nd	270·2	259·7	27th	274·1	*274·0*	+0·1	30	-57
524	Bermuda	32 17	64 46	46·0	1016·5	1022·0	+ 2·1	294·0	296·2	25th	286·1	282·9	28,29,30	290·1	*289·9*	-0·4	154	+42
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see pages 107 and 108.

JANUARY - ZONE 5. (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1024·5	1029·1	+ 8·3	290·6	293·9	1st	285·2	281·9	29th	287·9	*288·1*	+0·7	91	-125
531	Horta	38 32	28 38	65	1021·2	1029·0	+ 7·6	289·7	291·9	20th	285·7	282·5	29th	287·7	287·4	-0·2	36	-90
532	Ponta Delgada	37 44	25 40	22	1026·0	1028·6	+ 6·3	288·9	290·7	2nd	285·9	283·9	31st	287·4	287·5	0·0	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	93	-38
533	Madeira (Funchal)	32 38	16 55	25	1023·6	1026·6	+ 4·8	292·0	298·9	10th	287·3	285·6	7th,23rd	289·6	*289·5*	+1·3	16	-72
535	Lisbon	38 43	9 9	95	1013·2	1024·9	+ 3·8	286·7	291·5	10th	281·9	279·8	6th	284·3	284·3	+1·0	31	-61
535a	Melilla	35 17	2 59	40	1018·6	1023·5	..	289·4	293·1	9th	282·9	280·2	21st	286·1	*286·4*	+0·8	14	-88
536	‡Gibraltar	36 6	5 21	16·2	..	1023·7	+ 2·2	286·9	294·1	12th	282·2	278·6	19th	285·5	*285·6*	-0·2	58	-60
536a	Colomb-Béchar	31 36 W	2 4	769	931·9	1020·6	..	289·8	294·8	8th	274·3	269·0	21st	282·0	*280·5*	..	0	..
537	Palma	39 34 E	2 39	23	1014·5	1017·3	- 2·2	288·4	295·0	12th	278·1	275·2	29th	283·3	*282·2*	-0·2	48	+ 7
538	‡Algiers (Bouzaréah)	36 48	3 2	342	978·3	1018·8	- 1·1	284·8	288·8	2nd	280·6	275·9	19th	282·7	282·9	+0·2	110	+ 8
538a	‡Gadames	30 9	9 30	351	..	..	..	288·9	293·1	2nd	275·1	273·1	6,22,31	282·0	..	-1·2	1	- 2
539	Tunis	36 48	10 10	75	1008·8	1018·0	..	287·1	291·9	13th	278·9	275·9	25th	283·0	*282·5*	-0·5	47	- 9
539a	Malta	35 54	14 31	56·4	..	1016·1	- 0·6	287·7	291·0	15th	283·8	280·4	27th	285·7	*285·3*	-0·2	45	-37
540	Riposto	37 41	15 14	14·2	..	1015·7	- 3·3	287·8	290·4	4th	280·5	278·4	8th	284·1	*284·8*	+0·6	50	-56
541	Athens	37 58	23 43	107	1003·8	1016·8	- 1·3	287·1	291·1	2nd	280·8	276·4	8th	283·9	283·7	+2·2	30	-26
542	Alexandria	31 12	29 53	32·0	1014·8	1018·6	+ 0·5	292·6	295·0	1st,18th	284·3	281·4	11th	288·4	*287·9*	+0·9	30	-23
543	Ankara (Angora)	39 58	32 48	970	905·9	1020·9	+ 0·2	277·9	282·2	1st	271·2	264·8	13th	274·5	*274·3*	..	31	..
543a	‡Nicosia (P.W.D.)	35 9	33 22	159	998·4	1017·5	+ 0·5	288·7	291·3	6th,11th	279·0	275·8	6th,27th	283·8	..	+0·9	34	-43
544	Beirut	33 54	35 26	33·7	..	1017·8	0·0	290·1	292·9	22nd	285·1	282·1	14th	287·6	*287·4*	+1·3	130	-61
545	Hinaidi	33 17	44 29	32·3	..	1020·2	- 0·8	288·3	291·3	25th	275·8	269·7	6th	282·1	*282·1*	0·0	2	-26
546	Lenkoran	38 46	48 51	- 20·0	1026·7	1024·2	+ 1·7	..	285·8	23rd	272·6	267·8	5th	..	*275·4*	-0·8	119	+24
547	Tehran	35 41	51 25	1220	..	..	..	279·9	286·6	1st	270·8	266·4	6th	275·4	*275·0*	+0·8	0	-42
548	Meshed	36 17	59 38	946	881·6	..	..	279·6	287·7	3rd	267·3	259·4	22nd	273·4	..	-0·9	9	-12
549	Seistan	31 0	61 30	610	..	..	..	284·3	292·4	14th	272·1	265·3	8th	278·2	..	-3·2	4	- 7
550	Quetta	30 11	67 3	1677	834·4	..	- 0·7	282·7	291·2	4th	266·6	259·7	8th	274·6	*274·2*	-2·7	18	-31
551	Peshawar	34 2	71 37	339	978·6	1020·3	- 1·4	289·9	296·4	2nd	275·7	271·9	8th	282·8	*281·7*	-0·9	1	-39
551a	Lahore	31 34	74 20	214	991·8	1018·1	- 1·0	292·9	296·3	1st	276·4	273·0	11th	284·7	*283·9*	-0·8	0	-27
552	Simla	31 7	77 8	2204	780·6	.	- 0·9	280·7	287·4	1st	274·4	270·9	12th	277·6	*277·2*	-1·1	6	-63
552a	Leh	34 10	77 42	3503	661·9	..	- 3·1	271·2	277·1	8th	259·8	255·8	18th	265·5	*264·4*	-0·6	6	- 3
559	‡Hankow	30 35	114 17	37·0	1021·8	1026·4	- 2·1	281·0	289·6	4th	274·5	268·2	23rd	277·7	*277·5*	+0·7	47	+ 3
560	‡Tientsin	39 10	117 10	5·0	1027·0	1027·6	- 1·1	272·3	279·0	2nd	264·7	253·5	21st	268·5	*268·5*	-0·5	13	+ 9
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1025·8	- 0·7	281·6	293·7	14th	272·3	265·4	23rd	276·9	276·2	0·0	16	-34
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1016·0	1024·7	- 0·3	282·9	296·3	1st	276·4	273·0	11th	284·7	*283·9*	-0·8	119	+40
562a	Nagasaki	32 44	129 52	133	1005·1	1021·6	- 0·3	281·8	289·6	15th	274·8	269·0	23rd	278·3	277·9	-0·8	119	+40
563	Kyoto	35 1	135 44	42·9	1013·9	1019·3	+ 0·1	282·1	288·8	8th	271·5	266·5	24th	276·8	275·7	+0·1	32	-30
564	Tokyo	35 41	139 46	5·8	1014·9	1015·6	- 0·7	281·4	288·9	16th	270·4	264·4	24th	275·9	275·7	-0·3	20	-36
565	‡Hukusima	37 45	140 24	62·0	1007·3	1015·1	- 1·7	278·1	287·7	8th	268·7	260·4	23rd	273·4	273·2	-0·3	24	-24
566	Miyako	39 38	141 59	30·4	1009·4	1013·3	- 1·5	277·5	286·3	7th	265·7	258·4	30th	271·6	271·2	-1·2	60	- 9
		N.	E.															

JANUARY - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1014·6	1015·2	- 0·6	294·8	298·0	6th	289·0	283·0	17th	291·9	*292·5*	+0·1	110	+ 8
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	+ 1·0	298·4	300·8	16th	293·2	290·8	3rd	295·8	*295·5*	+1·3	46	-51
613	Guaymas	27 55	110 53	8·3	1015·9	1016·9	..	296·8	300·5	29th	286·4	282·4	21st	291·6	*290·2*	-1·2	0	..
615	Chihuahua	28 38	106 4	1423	862·4	1019·8	+ 0·1	295·0	300·0	29th	274·9	265·5	10th	285·0	*284·9*	+3·1	1	- 6
616	Leon	21 7	101 41	1809	823·1	1016·4	+ 0·7	297·7	301·0	7th,28th	277·6	272·5	16th	287·6	*286·4*	-0·3	0	-10
616a	Monterry	25 40	100 18	528	958·4	1019·7	+ 1·1	294·9	302·4	7th	282·9	273·9	15th	288·9	*288·0*	+1·2	21	+ 8
617	‡Tulsencingo	20 5	98 22	2181	792·0	1017·5	+ 1·4	293·4	299·5	19th	275·4	271·0	1st,16th	284·4	*282·3*	-2·1	3	-12
618	Galverston	29 18	94 50	16·5	1021·5	1023·7	+ 3·0	290·7	295·8	8th	285·0	273·6	15th	287·9	*287·4*	+2·9	30	-53
618a	New Orleans	29 57	90 4	16·2	1022·0	1024·0	+ 3·7	292·6	299·1	20th	283·2	269·1	16th	287·9	*287·0*	+1·8	15	-100
619	‡Merida, Yuc.	20 58	89 38	22	1017·7	1020·3	+ 2·2	300·4	303·6	21st	290·5	286·0	17th	295·4	*294·0*	-0·4	3	-21
620	Havana	23 7	82 25	77·0	..	1020·4	+ 1·7	297·2	300·1	14th	290·1	286·5	12th	293·7	293·7	..	14	..
620a	Key West	24 33	81 48	6·7	1020·7	1021·3	+ 1·6	296·3	299·1	20th	289·7	281·9	12th	293·0	*292·1*	-0·7	6	-43
621	Nassau, Bahamas	25 5	77 21	7·3	..	1020·6	+ 1·2	..	..	..	..	..	..	..	‡*294·4*	-0·5	1	-54
622	‡Watling Island	24 6	74 26	33·5	1017·2	1021·1	+ 1·7	..	299·7	10th	..	289·7	12th	..	*295·6*	-0·9	..	..
633	Port Etienne	20 56	17 3	4	1017·2	1017·7	..	302·6	306·4	8th	285·9	282·0	24th	294·3	*291·6*	..	0	..
634m	Izaña	28 19	16 30	2367	770·8	..	+ 2·2	280·5	288·3	10th	274·2	269·6	23rd	277·4	*277·5*	+0·9	43	-24
634	La Laguna	28 28	16 20	547	959·4	1023·6	+ 2·4	289·9	295·2	10th	283·1	279·3	27th	286·5	*286·0*	+1·1	45	-46
636	Adrar	27 38 W	0 4	285	990·5	1023·6	..	293·6	298·0	5th	275·0	269·2	21st	284·3	*285·5*	..	0	..
638	Laperrine	22 36 E	5 26	1350	..	..	..	292·5	298·7	6th	277·5	270·4	14th	285·0	*285·6*	..	11	..
641	Giarabub	29 45	24 31	49	..	..	..	292·9	296·0	26th	283·5	280·0	9th	288·2	*287·6*	..	2	..
642	Siwa	29 12	25 29	- 23	1022·6	1019·8	..	292·5	296·9	20th	276·0	272·8	23rd	284·2	..	..	1	..
643	‡Cairo (Helwan)	29 52	31 20	116	1005·0	1019·0	+ 0·2	292·1	295·8	20th	280·9	278·5	11th	286·5	*286·2*	+0·2	0	- 9
643a	Aswan	24 2	32 53	100	1005·1	1017·0	- 0·7	297·6	304·0	21st	282·5	277·3	10th	290·0	*289·1*	+1·0	..	..
644	Tor	28 14	33 37	1·9	1015·9	1016·2	- 0·9	294·0	297·7	1st	?282·9	?279·4	18th	?286·4	?*287·5*	+0·5	0	- 1
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ‡Change of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. JANUARY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1016·9	1017·4	..	290·6	295·8	12th	284·9	280·3	17th	287·7	*287·5*	+0·3	3	-65
648	Jask	25 45	57 45	4·0	1016·3	1016·7	..	297·2	299·4	29th	289·0	284·9	8th	293·1	*292·9*	+0·4	0	-29
649	Karachi	24 53	66 57	4·0	1017·6	1017·9	- 0·3	295·7	298·6	5th	285·4	281·9	7th	290·6	*290·4*	-2·0	3	-11
650	Jacobabad	28 17	68 29	56·7	1011·9	1018·9	0·0	294·3	298·9	2nd	277·4	271·6	8th	285·9	*285·2*	-1·6	1	- 6
651	Jaipur	26 56	75 52	436	967·0	1018·9	- 0·7	295·9	298·8	6th	278·3	273·0	10th	287·1	*286·1*	-2·4	0	-12
652	Nagpur	21 8	79 5	310	979·9	1015·8	- 1·3	302·8	305·8	27th	287·7	281·8	14th	295·3	*294·9*	+1·4	0	-11
653	Allahabad	25 25	81 51	94·2	1005·8	1017·4	- 0·8	296·2	299·6	7th	279·8	276·1	2nd	288·0	*287·1*	-1·3	12	- 7
653a	Darjeeling	27 3	88 15	2265	776·2	..	- 0·3	280·6	285·9	1st	274·1	270·7	15th	277·3	*276·9*	-0·5	3	-11
654	Calcutta	22 36	88 23	6·4	1015·5	1016·3	- 0·7	298·2	302·4	8th	287·6	282·3	20th	292·9	*292·5*	+1·1	9	0
655	Gauhati	26 8	91 41	59·7	1010·9	1018·0	- 0·4	296·3	299·4	3rd	283·7	280·7	29th	290·0	*289·3*	0·0	35	+27
655m	Cherrapunji	25 15	91 42	1313	870·9	..	- 0·1	287·8	291·8	2nd	280·4	276·2	14th	284·1	*283·4*	-0·7	42	+30
655a	Akyab	20 11	92 56	6·1	1014·1	1014·8	- 0·7	300·0	301·6	3rd	288·8	285·1	20th	294·4	*293·9*	+0·2	0	- 2
656	Mandalay	21 59	96 0	78·2	1007·1	1016·0	- 0·4	302·3	304·1	14th	287·8	285·3	7th,22nd	295·1	*294·4*	+0·8	0	- 1
656a	Tengyueh	25 2	98 33	1626	837·8	1017·3	..	288·2	291·3	..	274·3	271·3	..	281·3	*280·6*	-0·4	31	+17
657	Phu Lien	20 46	106 38	116	1003·9	1017·6	- 1·8	293·8	300·8	8th	287·7	282·2	23rd	290·8	290·2	+0·6	15	-19
658	Moncay	21 31	107 51	9·0	1017·4	1018·4	- 1·7	292·8	299·1	7th	286·0	280·3	23rd	289·4	*289·2*	+0·6	17	-24
659	Hongkong	22 18	114 10	33·2	..	1019·0	- 0·7	290·9	296·9	15th	286·5	281·3	23rd	288·7	288·4	-0·1	8	-26
661	‡Taihoku, Formosa	25 2	121 31	9·3	1019·9	1021·0	- 0·2	291·5	301·6	7th	284·8	278·5	23rd	288·1	287·7	-0·6	53	-36
661a	‡Barco	20 28	121 59	18·7	..	1015·3	- 0·6	297·7	301·0	7th,8th	293·2	289·0	11th	295·5	295·3	+0·2	181	-66
662	Naha	26 13	127 41	8·2	1018·7	1019·7	- 0·3	292·3	298·0	5th,7th	286·1	280·0	31st	289·2	289·1	0·0	123	- 9
665	‡Titizima (Bonin Islands)	27 5	142 11	4·1	1016·4	1016·9	- 0·8	292·3	295·4	8th	285·9	281·6	26th	289·1	289·2	-1·4	43	-55
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. JANUARY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	858·0	1013·9	+ 0·7	303·7	308·0	28th	290·0	286·8	21st	296·8	*295·8*	+0·5	0	- 7
716	Morelia	19 42	101 7	1923	811·5	1015·6	+ 1·5	293·5	295·8	21st	279·1	275·6	11th	286·3	*285·8*	-0·5	0	-13
717	‡Mexico, Tacubaya	19 24	99 12	2309	776·5	..	+ 1·4	293·1	296·3	18th	275·1	271·7	11th	284·1	283·7	-1·0	0	- 9
718	‡Salina Cruz	16 12	95 12	56	1008·0	1014·5	+ 0·6	300·8	304·2	13th	294·0	289·0	13th	297·4	*297·5*	0·0	0	- 1
719	San Salvador	13 42	89 13	682	938·7	1014·7	+ 1·3	305·7	308·8	31st	287·5	283·0	3rd	296·6	*295·2*	0·0	0	- 7
720	‡Belize	17 31	88 11	5·2	1019·5	1020·1	+ 2·9	..	..	..	291·1	286·6	11th	..	‡*294·4*	-1·0	115	-42
721	‡Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1016·1	+ 0·8	302·6	305·9	19th	293·7	289·9	30th	298·1	*297·9*	+0·4	6	-38
722	Port au Prince	18 33	72 20	37·4	1012·0	1016·3	+ 0·4	303·7	305·9	21st	293·6	291·5	25th	298·7	*297·9*	+0·2	55	+24
723	Caracas	10 30	66 56	1042	899·6	1014·4	+ 0·3	296·2	299·1	10th	287·2	283·3	21st	291·7	*291·6*	+0·5	34	+12
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·6	1016·6	- 0·6	299·6	303·0	11th	294·5	291·9	16th	297·0	*296·9*	+0·2	97	-20
724a	Grenada (Richmond Hill)	12 5	61 46	155	994·7	1012·6	- 0·9	301·3	304·1	18th	295·5	292·4	14th	298·4	*298·0*	+0·3	120	+ 9
725	‡Barbados	13 8	59 36	55·2	..	1014·1	- 0·5	301·3	302·7	28th	294·4	292·7	25th	297·9	297·7	+0·2	100	+18
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·9	1014·1	- 1·1	296·4	298·0	12th	291·8	289·5	23rd,27th	294·1	*294·5*	-0·1	0	- 5
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·5	1014·3	- 0·8	298·7	301·5	1st	293·9	292·8	5th	296·3	*296·1*	+0·9	0	- 3
733	Dakar	14 40	17 26	32	1008·8	1012·5	..	302·9	307·1	8th	290·9	286·3	29th	296·9	*294·8*	+2·3	0	- 1
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·3	307·4	1st	290·2	288·6	31st	295·8	*295·6*	-0·4	0	..
735	Niénébalé	12 57	7 56	300	..	..	..	304·1	306·6	22nd	282·6	277·2	29th	293·3	*292·7*	..	0	..
736	Timbuktu	16 43 W	3 2	270	..	..	..	..	304·1	9th	..	279·2	29th	..	..	..	0	..
737	‡Sokoto	13 2 E	5 14	353	..	..	..	305·3	311·3	21st,25th	286·9	283·0	11th	296·1	*295·8*	-0·6	0	0
738	Kaduna Capital	10 32	7 25	7637	..	..	..	303·8	309·1	21st,22nd	..	..	..	..	‡*294·6*	-0·3	0	0
739	Hadeija	12 40	10 5	?	..	..	..	303·8	311·9	21st,22nd	..	..	..	..	‡*295·1*	-0·1	0	0
740	‡Maiduguri	11 47	13 11	361	..	..	..	305·8	313·0	26th	286·6	281·9	8,10,11	296·2	*295·9*	0·0	0	- 1
741	El Fasher	13 32	25 18	730	929·1	1010·8	..	305·3	310·5	31st	284·1	279·0	8th	294·7	*293·4*	..	0	0
743	El Obeid	13 11	30 14	563	948·0	1011·8	- 0·8	305·0	309·8	22nd	286·3	281·6	6,8,9	295·6	*294·5*	+1·8	0	0
743a	‡Khartoum	15 37	32 33	390	966·7	1010·4	- 1·9	305·6	310·2	21st	289·9	285·7	9th	297·8	*297·7*	+2·1	0	0
744	Port Sudan	19 37	37 13	5·5	1013·2	1013·9	- 0·8	300·8	302·9	1st	294·4	291·1	15th	297·6	*297·0*	+0·9	2	- 6
745	‡Berbera, Somaliland	10 22	45 2	13·8	1013·5	1015·1	0·0	300·2	301·3	29th,31st	291·9	289·1	1st	296·1	*296·3*	-1·6	2	- 4
746	Aden	12 45	45 3	28·7	1013·0	1016·3	0·0	300·7	301·2	9th	295·1	291·4	1st	297·9	*297·3*	+0·3	0	- 8
751	Bombay	18 54	72 49	11·3	1012·7	1014·1	- 1·3	300·4	302·3	2nd	292·2	290·2	24th	296·3	295·4	-0·9	0	- 3
752	Kodaikanal	10 14	77 28	2343	772·0	..	- 0·1	290·8	293·5	28th	281·5	278·3	11th	286·1	*285·6*	+0·5	52	-21
752a	Bangalore	12 59	77 38	921	912·7	1014·5	- 0·4	302·6	304·8	20th	288·8	285·4	11th	295·7	*295·1*	+2·4	0	- 7
753	Madras	13 4	80 14	6·7	1013·7	1014·5	- 1·1	302·7	304·3	14th	293·2	290·1	9th	297·9	*297·6*	+0·5	14	-21
754	Vizagapatam	17 42	83 19	11·6	1014·2	1015·6	- 0·9	300·2	302·6	18th	293·7	290·7	10th	296·9	*296·5*	+0·9	56	+44
755	Port Blair	11 40	92 40	18·0	1010·8	1012·8	- 0·7	301·2	302·9	15th	297·3	293·5	22nd	299·6	*299·2*	-0·3	3	-38
756	Rangoon	16 46	95 48	5·5	1013·9	1014·5	- 0·4	305·1	307·2	15th	291·6	289·4	10th	298·3	*297·2*	+0·5	0	- 5
757	Saigon	10 47	106 42	11	1010·3	1011·5	- 0·6	304·5	305·8	8th	294·8	291·5	29th	299·7	*299·1*	+0·4	2	-16
758	Nhatrang	12 15	109 12	3·6	1012·8	1013·2	- 1·4	301·2	302·8	14th	293·4	291·5	21st,25th	297·3	*296·8*	+0·2	5	-61
759	Bolinao	16 23	119 53	2	..	1011·1	- 0·5	303·1	306·8	7th	294·2	291·5	14th	298·7	*298·5*	-0·3	1	- 7
761	‡Vigan	17 34	120 23	12·2	..	1011·3	- 1·1	302·4	305·7	1st	294·4	291·7	12th	298·4	298·2	-0·3	0	- 3
761a	Manila	14 35	120 59	14·2	..	1011·8	- 0·4	303·4	306·0	7th	293·3	290·4	28th	298·3	297·4	-0·4	8	-16
762	‡Ormoc	11 0	124 36	5·6	..	1009·2	- 0·7	303·3	305·4	22nd	294·8	290·9	17th	299·1	*298·3*	-0·1	287	+108
765	‡Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·8	- 0·9	302·7	304·8	28th	297·8	296·0	29th	300·3	*299·9*	+0·9	82	+17
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111. ‡Change of normals, see pages 110 and 111.

JANUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·9	1010·6	+ 0·6	..	..	..	297·3	295·2	2nd	..	‡*300·4*	-0·4	19	-243
821	∮Cristobal (Colon)	9 23	79 54	11·0	..	1011·8	+ 0·2	303·1	304·1	23rd	297·3	295·2	1st	300·2	299·8	+0·5	117	+22
822	Bogota	4 36	74 5	2645	745·9	..	..	291·3	294·4	20th	282·6	279·5	6th	286·9	*286·3*	..	39	-19
822a	Merida, Venez.	8 36	71 9	1641	‡841·8	..	+ 0·1	295·0	297·0	11th	286·9	284·0	22nd	291·0	*290·1*	-0·3	93	+19
823	Ciudad Bolivar	8 9	63 33	38	1007·2	1011·6	..	302·7	304·7	29th	295·4	293·5	21st	299·0	*298·5*	-0·3	30	+17
824	El Peru, Guayanavieja	7 19	61 49	220	985·3	1010·3	- 0·7	300·6	301·6	7th,29th	293·9	289·8	24th	297·3	*296·8*	+0·4	129	+33
825	Georgetown, Brit.Guiana	6 50	58 12	2·0	..	1011·4	- 1·3	301·6	303·0	8,30,31	296·8	295·2	24th	299·2	*298·9*	+0·1	470	+267
826	Paramaribo	5 49	55 9	3·7	..	1011·6	- 1·3	302·4	305·2	28th	294·4	290·2	17th	298·4	*298·4*	0·0	465	+250
826a	Cayenne	4 56	52 21	6	..	..	..	302·8	305·0	2nd	296·1	292·0	7th	299·5	*298·8*	+0·4	427	+62
831	10°-5°N. 30°-28°W.	†† 7 5	††27 5	§(117-131)	..	1011·9	- 0·1	..	..	Sea Temp. 299·0	+0·3	..	..	..	298·8	+0·2	..	..
833	Konakri	9 31	13 43	16	1010·0	1011·8	+ 1·5	304·4	305·6	11th,12th	294·4	290·8	13th	299·4	*300·5*	-0·1	0	- 1
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·2	1011·1	+ 0·3	304·1	305·2	sev. dates	295·3	291·9	30th	299·7	*299·0*	-0·7	0	-10
835	Assuantsi	5 18	1 15	101	..	..	..	303·8	306·9	31st	292·9	288·6	13th	298·4	*297·7*	0·0	2	-34
836	Accra	5 33 W	0 12	16·0	1008·9	1010·7	+ 0·8	303·6	305·9	18th	295·4	291·9	13th	299·5	*299·0*	-0·4	13	- 2
837	Lagos	6 27 E	3 24	3·0	1007·9	1008·2	- 1·4	303·8	305·8	28th,31st	295·4	293·0	12,13,14	299·6	*298·6*	-0·6	63	+37
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
839	Yola	9 12	12 30	259	..	..	..	307·2	311·3	28th	293·2	289·1	7th	300·2	*299·9*	+0·5	0	- 1
841	∮Wau	7 42	28 3	440	..	..	..	..	..	..	290·8	286·0	7th.15th	..	*299·5*	+1·2	0	- 1
843	Malakal (Kodok)	9 35	31 37	394	965·0	1009·1	+ 0·2	309·9	313·8	22nd	291·1	288·5	9th	300·5	*299·8*	+1·6	0	0
843a	∮Mongalla	5 11	31 47	448	957·1	1006·4	- 1·2	?311·2	?314·3	24th	291·8	288·0	8th	?301·5	*?300·6*	+0·7	4	+ 2
844	∮Entebbe	0 5	32 29	1171	882·4	1008·5	- 0·8	300·5	302·4	23,26,30	289·7	288·0	8th	295·1	*293·9*	-0·6	37	-29
851	Minicoy	8 17	72 49	2·1	1011·7	1011·9	- 1·3	303·1	304·3	1st	297·1	294·7	30th,31st	300·1	*299·7*	..	108	+60
851a	Cochin	9 58	76 21	2·7	1012·4	1012·7	- 0·8	303·4	305·0	22nd	296·6	294·8	31st	300·0	*299·6*	+0·1	28	+10
852	Colombo Observatory	6 54	79 52	7·3	..	1009·9	- 0·8	303·3	305·4	30th	295·4	292·4	10th	299·3	*298·9*	-0·1	144	+61
853	Nuwara Elija	6 58	80 46	1886	..	..	..	293·3	295·6	9th	282·8	276·1	29th	288·1	*287·2*	+1·0	331	+190
854	Trincomalee	8 35	81 15	30·2	..	1010·9	- 0·7	301·5	303·5	14th	297·0	294·3	9th	299·2	*298·8*	+0·3	85	-70
855	Kuta Raja	5 32	95 20	7·1	..	1009·8	- 1·0	..	..	..	..	..	..	..	..	..	100	-47
856	Medan	3 35	98 41	25·0	..	1010·5	- 0·8	302·7	305·9	13th	295·3	293·7	2nd	299·0	298·4	+0·6	128	- 9
857	Penang	5 34	100 20	5·0	1009·4	1009·9	- 1·0	305·5	309·7	31st	295·8	293·6	1st	300·7	*300·1*	+0·4	92	- 6
858	∮Singapore	1 18	103 51	10·9	1008·6	1009·8	- 0·8	302·6	305·5	18th	295·8	294·7	3rd	299·2	*298·7*	-0·2	338	+87
859	Sandakan	5 50	118 7	31·7	..	..	..	302·9	304·7	20th	297·1	296·3	8,17,27	300·0	*299·6*	+0·4	392	-103
860	Iwahig	9 44	118 38	14·3	..	1009·4	- 0·2	304·4	306·2	18th	..	..	..	..	*298·7*	+0·1	2	-75
861	Tagbilaran	9 38	123 51	21·3	..	1009·2	- 0·9	302·5	304·7	30th	295·5	293·0	31st	299·0	298·2	-0·3	171	+64
861a	Menado	1 30	124 50	8·5	..	1008·0	- 1·7	303·1	305·9	22nd	296·5	295·1	27th	299·8	299·3	+0·8	207	-258
862	Surigao	9 48	125 29	6	..	1009·8	- 0·3	300·4	302·5	1st,4th	296·6	295·1	5th	298·5	298·4	-0·1	708	+179
863	∮Kolonia, Yap	9 29 N.	138 8 E.	29·3	..	1008·3	- 0·7	302·1	305·1	19th	297·9	295·8	29th	300·0	299·9	+0·3	127	-47

JANUARY - ZONE 9. BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
924	Manaos	3 8	60 1	43·8	..	..	..	303·1	307·0	12th	295·0	294·0	2nd	299·0	*298·5*	-0·8	301	+53
926	Taperinha	2 30	54 20	21·5	1007·8	1010·0	- 0·7	303·9	306·6	17th	295·9	294·3	25th	299·9	*299·0*	+0·9	238	+69
927	Turyassu	1 43	45 26	9·1	1008·8	1010·0	- 0·4	306·1	307·6	10th	295·6	292·6	24th	300·8	*299·8*	+0·6	111	-80
928	Barra do Corda	5 30	45 16	81·0	999·0	1008·3	- 1·1	304·9	308·0	15th	294·9	293·4	2nd	299·9	*298·7*	+0·6	68	-117
929	Quixeramobim	5 16	39 15	207	988·2	1011·4	+ 0·6	305·8	307·0	19th	296·1	297·0	25th	302·0	*301·0*	-0·2	30	-48
930	Fernando Noronha	3 50	32 25	106	999·8	1011·6	0·0	302·2	302·6	sev. dates	297·0	295·4	10th	299·6	*298·8*	+0·4	27	-30
930a	5°-10°S. 35°-30°W.	†† 7 1	††33 44	§(46-50)	..	1013·4	..	..	..	Sea Temp. 299·2	-0·4	..	..	..	301·2	..	..	..
930b	0°-5°S. 35°-30°W.	††3 5	††31 38	§ (39)	..	1010·8	..	..	..	299·8	+0·4	..	..	..	299·8	..	..	..
934	∮Ascension Island	7 55 W	14 24	16·8	1011·3	1013·2	- 0·2	302·1	304·7	31st	296·2	294·1	1st	299·1	*298·3*	+0·1	10	+ 6
939	Loanda	8 49 E	13 13	51	..	1010·4	- 0·6	300·8	302·9	27th	296·1	293·9	7th	298·5	298·0	-0·1	51	+22
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	300·0	303·6	24th,25th	289·3	288·6	19,21,23	294·7	*295·1*	+2·0	52	- 8
944	Nairobi (Dept. Agric.)	1 18	36 50	1875	..	..	..	301·9	?310·2	19th	285·2	279·7	26th	293·6	..	..	24	-19
944a	Zanzibar	6 10	39 11	17·1	1010·1	1012·0	- 0·6	303·3	304·7	31st	299·7	298·3	8th	301·5	*301·1*	+0·3	3	-69
945	Lamu	2 16	40 50	3·0	..	..	..	304·1	305·2	11th	297·4	296·3	13th	300·8	*300·3*	+0·6	0	- 5
947	Seychelles, Port Office	4 37	55 27	4·6	1010·2	1010·8	- 0·5	301·8	304·3	26th	297·5	295·2	8th	299·7	*298·9*	+0·1	199	-230
957	Padang	0 56	100 22	6·7	..	1010·1	- 0·9	303·9	304·9	20th	296·0	294·2	17th	299·9	299·4	+0·1	284	-67
958	Batavia	6 11	106 50	8·0	1008·2	1009·1	- 0·8	302·2	305·2	2nd	296·5	295·4	27th	299·4	298·8	+0·3	247	-84
958a	∮Pontianak	0 1	109 20	2·6	..	1008·6	- 1·7	303·6	306·2	23rd	296·5	294·8	21st	300·1	299·2	+0·1	434	+149
959	Pasuruan	7 38	112 55	5·0	..	1008·0	- 1·1	303·9	305·7	14th	297·2	296·3	25th	300·5	299·6	+0·1	443	+186
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	320	-158
962	∮Amboina	3 42	128 10	4·2	..	1007·2	- 1·4	303·6	306·1	25th	297·8	296·0	28th	300·7	300·4	+0·4	66	-61
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	351	+64
965	∮Daru	9 4	143 13	7·6	..	1008·5	- 0·3	303·1	..	..	297·5	..	..	300·3	299·9	-0·3	240	-63
966	∮Port Moresby	9 29	147 9	38·4	..	1007·3	- 0·9	303·9	..	..	297·3	..	..	300·6	*300·1*	-0·3	323	+140
967	Rabaul	4 9	152 12	12·5	..	1006·8	- 0·4	305·8	307·2	22nd	296·1	295·2	6th	300·9	*300·3*	+0·5	311	-45
969	∮Fulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·7	305·2	2nd,26th	297·4	295·2	20th	300·6	*300·4*	-0·3	..	..
970	Ocean Island	0 52 °S.,	169 35 °E.,	** metres	..	1008·5	- 0·6	304·6	306·3	sev. dates	298·4	296·3	2nd	301·5	*300·9*	+0·7	6	-297

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111.
†† Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 111,112 and 113.
**Height changed from 52.0m. to 39·6m. from January 18th.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JANUARY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	∮Apia, Samoa	13 48	171 46	2	..	1008·5	+ 0·9	301·5	304·4	3rd	296·8	294·8	12th	299·1	299·5	-0·2	732	+299
1003	∮Alofi, Niue Island	19 2	169 55	27·4	..	1010·8	+ 0·6	302·8	305·2	15,17,18	294·4	292·4	22nd	298·6	*298·4*	-1·1	714	+449
1022	Tacna	18 0	70 18	560	..	..	..	303·3	304·2	20th	289·3	285·0	3rd	296·3	*296·1*	+1·4	0	- 4
1025	Corumba	18 59	57 39	116	994·7	1007·8	0·0	305·7	309·6	17th	295·5	293·4	25th	300·6	*299·4*	+0·3	157	-56
1026	Cuyaba	15 36	56 6	165	990·4	1009·1	+ 0·7	304·7	307·2	30th	295·4	292·8	25th	300·0	*298·5*	-0·2	237	- 4
1027	Bello Horizonte	19 55	43 57	895	913·6	1011·6	+ 0·4	301·0	306·0	27th	290·9	288·8	7th	296·0	*295·0*	+0·2	258	-90
1028	Caetite	14 3	42 37	897	914·8	1012·8	+ 0·5	301·7	305·2	29th	290·5	287·2	12th	296·1	*295·5*	-0·7	19	-118
1029	Ondina (Bahia)	13 0	38 31	46·6	1006·3	1011·6	- 0·8	302·7	304·2	30th	296·3	294·7	8th	299·5	*299·4*	+0·6	59	-16
1030	Aracaju	10 55	37 3	6·1	1013·0	1013·8	+ 0·4	302·4	303·2	14,15,30	296·6	293·8	3rd,12th	299·5	*299·2*	..	14	..
1030a	15°-20°S. 40°-35°W.	††17 29	††38 6	§(62-65)	..	1015·6	..	..	..	Sea Temp. 298·9	-0·5	..	..	..	..	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 44	††36 35	§(56-59)	..	1014·6	..	..	..	299·3	-0·4	..	..	..	300·5	..	..	..
1035	St. Helena	15 57 W	5 40	579	948·1	1012·7	0·0	291·3	293·6	17th,30th	288·1	286·9	sev. dates	289·7	*289·9*	-1·1	41	..
1039	Mossamedes	15 12 E	12 9	12·5	..	..	..	..	298·5	19th	..	288·0	sev. dates	..	*293·4*	-1·7	..	..
1041	Livingstone	17 51	25 51	972	903·9	1008·5	..	304·8	310·7	17th	291·6	287·2	12th	298·2	..	..	193	..
1041a	Elisabethville	11 39	27 28	1236	876·1	1008·1	+ 0·4	..	..	..	..	..	..	..	..	..	..	..
1042	Gwelo	19 26	30 2	1411	..	..	..	303·8	309·1	23rd	287·9	283·0	12th	295·8	..	+1·3	87	-58
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	851·3	1008·9	- 0·2	300·2	304·1	16th	288·1	282·2	10th	294·1	293·3	+0·2	98	-88
1044	∮Zomba	15 23	35 18	955	904·7	1008·5	+ 0·1	300·7	303·0	16th	..	..	..	..	‡*295·2*	-0·2	289	+ 7
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	861·4	1008·0	- 1·4	298·7	302·0	6th	288·3	286·8	21st	293·7	293·0	0·0	381	+82
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1010·8	1011·5	- 1·2	302·4	305·1	3rd	297·9	295·2	27th	300·1	*299·7*	-0·4	356	+218
1057	Christmas Island	10 25	105 43	5·5	1006·2	1008·9	- 0·9	303·1	305·2	11th	297·4	296·9	sev. dates	300·3	*299·7*	-0·1	341	+114
1061	Kupang	10 10	123 34	45·1	..	1008·2	- 0·5	303·1	306·4	5th	297·5	296·1	16th	300·3	299·8	+0·2	430	+42
1061a	Derby	17 18	123 40	16·2	1003·5	1005·3	- 1·6	306·9	311·6	3rd	298·8	295·8	29th	302·9	..	-0·5	259	+62
1062	Hall's Creek	18 13	127 46	373	963·6	1004·8	- 1·5	306·6	312·1	2nd	296·3	292·7	28th	301·4	*300·9*	-2·0	287	+131
1063	Darwin	12 28	130 51	29·6	1001·6	1005·1	- 0·7	305·3	307·7	1st	298·0	294·7	13th	301·7	*300·7*	-0·1	396	- 8
1064	Daly Waters	16 18	133 23	211	960·7	1004·0	- 1·0	308·8	311·9	4th,5th	298·3	295·8	23rd	303·6	*303·1*	+0·4	174	+12
1065	∮Mein	13 13	142 47	122	991·3	1005·2	- 0·4	303·9	307·6	1st	296·1	294·7	30th	300·0	*299·5*	-0·6	227	-102
1066	∮Georgetown, Queensland	18 22	143 32	302	973·3	1006·9	+ 0·2	306·4	310·0	6th	296·8	295·2	21st,31st	301·6	..	+0·5	267	+58
1066a	Willis Island	16 18	149 59	8·5	1005·2	1006·3	..	302·6	304·1	29th	298·6	296·1	12th	300·6	*300·8*	..	231	..
1067	Samarai	10 37	150 40	6·1	..	1006·9	- 0·8	303·8	..	..	297·9	..	..	300·9	*300·7*	+0·1	108	-60
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1007·0	1007·6	+ 0·2	302·8	305·8	14th,28th	296·4	294·1	8th	299·6	*299·4*	0·0	803	+513

BETWEEN LATITUDE 20° S. AND 30° S.

JANUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·2	304·7	10th	296·4	293·6	26th	299·3	*299·1*	+0·5	353	+118
1121	∮Punta Tortuga, Coquimbo	29 56	71 21	27	1011·0	1014·2	- 0·2	293·0	295·6	21st	288·1	286·8	14th	290·5	*290·2*	+0·3	0	0
1122	Iquique	20 12	70 11	9	1011·9	1012·9	- 0·4	298·1	300·8	23rd	287·3	286·4	31st	292·7	*295·0*	+1·0	0	0
1123	∮Catamarca	28 27	65 47	510	948·5	1002·3	- 4·1	306·0	311·7	10th	292·7	286·8	24th	299·3	*300·0*	+0·2	135	+62
1124	Salta	24 46	65 28	**1182	879·5	1005·5	- 0·8	302·7	308·0	9th	289·9	285·9	7th	296·3	*296·0*	+0·9	335	+163
1125	Goya	29 9	59 15	26	1005·2	1008·2	+ 0·5	308·4	312·2	16th	294·4	286·4	4th	301·4	*300·7*	+2·0	90	-25
1126	Asuncion	25 17	57 41	93	999·5	1010·2	+ 2·1	307·8	315·0	12th	296·2	292·1	5th	302·0	*300·9*	+0·9	245	+95
1127	Curityba	25 25	49 17	908	911·8	1011·8	+ 0·2	299·5	304·2	12th	288·9	283·6	7th	294·2	*293·2*	-0·1	207	+36
1128	Rio de Janeiro	22 54	43 10	18·3	1004·4	1006·6	- 3·4	300·5	306·7	24th	295·3	292·6	7th	297·9	298·0	-0·4	161	+35
1128a	25°-30°S. 50°-45°W.	††27 38	††43 36	§(55)	..	1015·6	..	..	..	Sea Temp. 297·3	-0·6	..	..	..	297·4	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 40	††41 42	§(47)	..	1015·9	..	..	..	298·0	+0·5	..	..	..	298·0	..	..	..
1139	Windhoek	22 34 E	17 5 W.	1669	833·5	1005·3	..	303·6	306·8	22nd	291·3	288·6	30th,31st	297·4	*296·8*	+0·9	49	-31
1140	O'Okiep	29 36	17 52	933	908·9	1009·6	- 0·2	305·7	311·5	18th	291·0	281·3	3rd	298·3	*298·0*	+3·0	0	- 5
1141	Kimberley	28 42	24 47	1202	880·2	1006·9	+ 0·5	308·1	312·9	11th	291·4	284·7	7th	299·8	299·4	+2·2	55	- 6
1141a	Johannesburg	26 11	28 4	1806	823·2	1011·3	+ 0·7	300·0	306·6	15th	296·9	280·3	9th	298·4	*297·9*	+1·1	127	-30
1142	∮Bulawayo	20 9	28 35	1349	867·1	1010·5	+ 0·4	302·6	307·1	16th	298·4	282·1	9th	295·5	*295·0*	+0·6	113	-35
1143	Durban	29 52	31 3	15·2	1013·2	1014·9	+ 0·2	301·2	304·1	15th	294·6	288·7	20th	297·9	*297·5*	+0·6	87	-29
1144	Lourenço Marques	25 58	32 36	59	..	1013·3	+ 0·9	303·5	310·5	6th	294·5	290·2	9th	299·0	298·5	+0·1	92	-35
1147	Mauritius	20 6	57 33	55·2	1003·0	1009·3	- 2·6	302·2	304·2	18th	296·2	293·8	9th	299·2	298·8	-0·2	416	+219

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.
**Height redetermined as 1182m.

JANUARY - ZONE 11 (AUSTRALIA) TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1003·1	1003·6	- 2·4	307·2	316·6	30th	295·8	291·1	11th	301·5	..	-1·4	6	-18
1160	Cue	27 27	117 52	454	957·0	1008·5	- 0·9	310·6	314·9	14th	296·2	286·9	11th	303·4	..	+0·2	1	-25
1161	Nullagine	21 53	120 5	386	962·2	1004·1	- 1·1	311·3	315·0	3rd	295·7	292·1	24th	303·5	..	-1·3	141	+69
1162	Laverton	28 40	122 23	466	956·6	1007·9	- 1·7	308·1	314·7	8th	292·4	286·9	21st	300·3	*300·0*	-0·9	28	+ 6
1163	Alice Springs	23 38	133 37	567	941·5	1004·9	- 1·1	308·8	313·8	15th	295·8	289·1	23rd,24th	302·3	*302·3*	+0·8	5	-40
1164	William Creek	28 55	136 21	76·2	1000·6	1009·2	- 0·4	309·8	316·6	14th	293·8	286·7	29th	301·8	*301·4*	+0·6	1	-13
1164a	✠Boulia	22 55	139 38	146	988·0	1004·1	- 0·8	312·7	316·3	2,3,19	298·9	293·8	30th	305·8	*305·8*	+2·0	11	-33
1165	✠Thargomindah	27 58	143 43	123	992·5	1006·2	- 1·0	310·8	316·6	16th	297·4	288·6	23rd	304·1	*303·7*	+1·4	4	-31
1166	✠Mitchell	26 32	147 52	336	971·0	1008·0	+ 0·1	305·8	310·7	2nd	292·8	287·2	31st	299·3	..	-0·2	29	-47
1167	✠Rockhampton	23 24	150 30	11·3	1006·6	1008·2	- 1·0	303·7	308·1	1st	295·2	292·4	24th	299·4	..	-0·5	243	+24
1168	✠Brisbane	27 28	153 2	41·8	1007·3	1011·7	+ 0·2	300·7	304·2	1st	293·4	291·1	23rd,24th	297·1	*296·5*	-1·0	570	+406
1170	✠Norfolk Island	29 4	167 59	15·2	1013·9	1015·9	+ 2·7	298·4	302·3	30th	293·1	289·7	15th	295·7	*295·3*	+0·8	86	- 6
		S.	E.															

JANUARY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	977·9	1018·2	..	292·9	296·6	5th	..	..	..	..	*289·2*	..	13	..
1221a	Punta Tumbes	36 37	73 6	120	1000·6	1014·9	+ 0·7	..	..	..	..	..	..	..	..	..	0	- 4
1222	✠Punta Angeles, Valparaiso	33 1	71 38	41	1009·4	1014·3	+ 0·3	295·9	300·7	2nd	285·7	284·2	sev. dates	290·8	*290·4*	-0·6	0	0
1222a	Santiago	33 27	70 42	520	952·6	1011·5	- 0·5	303·4	306·0	7th	285·2	283·0	6th	294·3	*293·6*	+1·0	0	- 1
1223	Cordoba	31 25	64 12	423	960·6	1007·9	- 1·0	304·9	311·7	9th	290·9	283·6	24th	297·9	297·2	+1·0	57	-50
1224	Bahia Blanca	38 45	62 15	25	1006·2	1009·2	- 1·9	303·2	309·8	1st	288·4	282·5	24th	295·8	*295·3*	-0·9	50	- 1
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1007·1	1009·9	- 1·6	302·9	309·3	8th	291·4	285·0	24th	297·1	297·0	+0·9	126	+47
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	..	..	..	305·2	1st,17th	..	287·3	6th	..	*297·0*	+1·0	84	+16
1226a	Porto Alegre	30 2	51 13	23·5	1007·7	1010·4	- 0·9	304·3	310·4	11th	292·9	287·0	6th	298·6	298·0	+0·6	142	+36
1226b	30°-35°S. 55°-50°W.	††33 3	††52 0 W.	§(32-34)	..	1014·3	..	..	..	Sea Temp. 296·3	+1·1	..	..	..	296·3	..	..	..
1239	Cape Town	33 56	E 18 29	12·2	1012·5	1013·9	+ 0·9	300·9	309·1	18th	289·7	284·7	3rd	295·3	*293·9*	+1·2	4	-13
1240	Danger Point	34 37	19 18	27·7	1012·6	1015·9	+ 2·9	294·9	299·1	14th	288·1	284·7	8th	291·5	..	-0·1	7	-24
1241	Riversdale	34 6	21 16	61·0	..	..	..	302·3	307·4	10th	289·6	283·0	7th	295·9	..	+1·0	0	-29
1242	East London	33 2	27 55	44·8	1009·5	1014·7	+ 1·8	298·5	303·1	14th	290·9	285·8	7th	294·7	..	+0·6	25	-36
1259	Perth (Observatory)	31 57	115 51	60·0	1004·5	1011·5	- 1·2	301·1	311·7	27th	288·7	284·7	10th	294·9	*294·4*	-1·3	12	+ 3
1260	Katanning	33 42	117 36	310	977·4	1012·8	- 0·4	301·8	308·1	28th	285·3	281·9	17th	293·6	..	-1·2	13	+ 4
1261	Coolgardie	30 57	121 10	423	962·3	1009·3	- 2·1	306·2	314·7	7th	288·7	284·6	31st	297·4	*297·1*	-0·8	9	- 3
1262	Eucla	31 45	128 58	4·6	1011·1	1011·8	- 1·5	298·6	318·0	11th	290·0	283·0	18th	294·3	*293·6*	-0·2	6	- 9
1263	Streaky Bay	32 48	134 13	13·1	1011·5	1012·9	- 0·5	304·4	317·4	9th	289·1	281·9	22nd	296·7	*295·9*	+1·7	3	- 8
1264	Adelaide	34 56	138 35	42·7	1008·8	1013·6	+ 0·6	303·7	316·3	13th	289·7	283·8	19th,22nd	296·7	*296·1*	+0·4	7	-11
1265	Melbourne	37 49	144 58	35·1	1009·9	1014·1	+ 1·2	299·5	313·9	14th	287·4	281·9	27th	293·4	*293·0*	+0·7	15	-33
1266	Bourke	30 13	145 58	110	999·0	1011·4	+ 0·4	310·3	318·9	14th,15th	294·9	285·2	23rd	302·6	..	+0·2	32	- 6
1267	Sydney	33 51	151 13	42·1	1008·3	1013·1	+ 0·8	298·0	305·1	15th	291·1	286·3	30th	294·5	*294·4*	-0·5	104	+13
1268	✠Lord Howe Island	31 20	159 0	4·6	1014·6	1015·2	+ 1·9	298·2	300·7	16th	292·7	287·0	4th	295·4	..	0·0	128	+ 1
1271	Auckland	36 50	174 50	38·1	..	1017·8	+ 4·2	295·5	299·7	24th	289·2	285·2	8th	292·3	..	+0·1	37	-89
1272	Napier	39 29	176 55	1·5	..	..	..	295·9	302·7	24th	287·8	281·6	11th	291·8	..	-0·1	39	-38
		S.	E.															

JANUARY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1000·6	1017·5	+ 1·5	287·2	290·2	5th	281·6	279·6	23rd	284·4	*284·8*	-0·8	16	-46
1322	Punta Galera	40 1	73 44	40	1012·2	1017·0	+ 0·7	288·6	293·0	15th	284·4	281·8	23rd	286·5	*286·5*	-0·3	68	+ 4
1323	✠Sarmiento	**45 34	69 0	**272	976·4	1008·1	0·0	296·1	302·4	28th	282·5	276·4	23rd	289·3	*289·0*	-2·0	3	- 1
1324	Puerto Madryn	42 49	W 64 58	14	1007·2	1008·9	+ 0·1	299·8	308·4	1st	284·2	279·2	4th	292·0	*292·6*	-0·6	1	-12
1365	Launceston	41 27	E 147 10	10·1	1010·9	1011·9	+ 0·3	297·1	302·0	10th	285·1	279·6	4th	291·1	*290·0*	+0·2	34	-12
1366	Hobart	42 53	147 20	53·9	1006·0	1012·4	+ 2·3	294·3	308·1	10th	284·7	280·2	4th	289·5	*288·4*	-0·2	28	-28
1370	Invercargill	46 25	168 21	3·7	..	..	..	293·3	299·7	19,27,28	282·5	276·9	7th,21st	287·9	..	+0·7	84	-25
1371	Dunedin	45 52	170 31	6·1	..	1013·8	+ 2·8	294·2	302·4	18th	283·4	278·0	13th	288·8	..	+1·3	81	- 8
1371a	Christchurch	43 31	172 39	7·6	..	1014·0	+ 3·4	295·1	303·3	19th	283·9	275·8	14th	289·5	..	+0·1	16	-39
1372	Wellington	41 16	174 46	3·0	..	1016·8	+ 4·0	294·4	300·4	31st	286·7	279·5	15th	290·5	..	+0·6	17	-66
		S.	E.															

JANUARY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·4	1011·1	- 1·2	282·4	284·3	4th	278·7	277·2	20th	280·5	*281·4*	-0·3	216	-69
1422	Puerto de Punta Arenas	53 10	70 54	28	996·2	999·6	- 0·9	287·0	290·0	7th	280·2	277·8	13th	283·6	*283·7*	-0·5	34	0
1423	✠Punta Dungeness	52 24	68 26	5	998·6	999·2	- 1·3	286·9	290·6	10th	280·5	278·2	3rd	283·7	*284·1*	-0·6	43	+36
1424	Santa Cruz	**50 1	**68 31	12	1000·5	1001·9	- 2·5	293·2	300·6	28th	281·3	277·0	22nd	287·3	*287·3*	-0·5	10	- 1
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	998·5	- 1·4	286·1	290·2	31st	278·9	275·2	27th	282·5	..	0·0	61	- 6
1426	Cape Pembroke	51 41	57 42	21·3	995·5	998·1	- 1·6	284·6	288·0	10th	279·3	275·8	27th	281·9	282·1	-0·4	..	..
1428	✠Georgia(Cumberland Bay)	54 14	36 33	4	996·6	997·1	+ 3·3	281·1	288·2	15th	273·6	269·1	8th	277·3	*277·0*	-0·9	45	-38
		S.	W.															

JANUARY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	7	994·0	994·8	+ 3·5	275·0	280·9	11th	271·4	267·9	24th	273·2	273·2	0·0	15	-51
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations.
**Sarmiento, latitude and height redetermined as 45° 34′ S. and 272m. respectively. ✠Change of normals, see pages 114 and 115.
**Santa Cruz, latitude and longitude redetermined as 50° 1′ S. and 68° 3′ W. respectively.

RÉSEAU MONDIAL, FEBRUARY 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. FEBRUARY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1019·9	1020·2	..	250·9	261·3	14th	243·2	230·4	22nd	247·0	..	..	14	..
105	✠Barrow	71 23	156 17	7·0	..	1016·2	..	247·7	257·4	17th,18th	238·4	229·7	24th	243·1	..	-2·1	1	- 4
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*252·4*	+2·3	..	..
131	Myggbukta	73 30	21 30	3·2	..	1010·2	..	..	271·0	20th	..	234·0	1st	..	*252·7*	..	14	..
132	Scoresbysund	70 29	21 58	16·9	1005·2	1007·4	..	260·9	271·5	21st	250·0	233·9	2nd	255·5	*255·5*	..	57	..
135	✠Jan Mayen	70 59	W. 8 18	23·1	1004·0	1006·9	+ 3·8	..	275·6	7th	268·2	261·8	2nd	..	*270·7*	+0·5	9	-35
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1007·5	1008·9	+ 2·5	..	274·1	19th	257·7	242·0	16th	..	261·5	+7·6	58	+24
140	Björnöen	74 28	19 17	40·5	1003·3	1008·5	+ 3·5	..	275·5	12th	264·1	256·2	7th	..	*267·3*	+0·4	53	+13
141	Ingøy	71 48	24 6	7·5	1009·0	1010·0	+ 2·4	..	277·8	8th	258·4	261·1	23rd	..	*271·0*	-0·3	43	-12
142	Mehavn	71 1	27 47	10·2	1010·0	1011·3	+ 8·7	..	276·9	12th	266·3	257·4	21st	..	*268·9*	+1·4	52	- 8
143	Vardö	70 22	31 6	11·8	1010·0	1011·5	+ 6·6	..	276·2	11th	266·8	261·8	4th	..	*269·5*	+2·4	57	- 8
147	Malye Karmakouly	72 23	52 43	15·3	1011·9	1013·9	+ 5·6	265·1	272·2	9th,13th	258·9	246·2	21st	262·0	*262·0*	+4·4	3	-16
148	Waigatz	70 24	58 47	11·2	1014·2	1015·7	..	262·1	271·9	1st	254·3	237·5	28th	258·2	*258·2*	+2·8	3	- 3
153	Dickson	73 31	80 23	13·0	1015·9	1017·6	+ 4·5	..	..	..	251·3	237·6	28th	..	*254·9*	+8·0	..	..
162	Bouloune	70 45	127 47	35	1020·7	1025·9	..	..	..	..	231·1	217·6	5th	..	*235·3*	-2·1	6	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. FEBRUARY - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 18	? 31	1009·9	1016·2	..	..	..	..	251·4	242·4	6th	..	*255·3*	..	..	..
203	Nome	64 30	165 24	6·7	1003·0	1003·7	- 5·3	262·3	279·7	14th	253·4	232·4	4th	257·9	*257·7*	-0·4	3	-21
204	Candle	65 55	161 57	2·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	263·1	283·0	13th	255·3	236·3	5th	259·2	..	..	..	..
205	Tanana	65 10	152 6	69·5	996·2	1006·1	- 7·6	258·7	274·7	26th	249·2	228·0	5th	253·9	*253·5*	+1·4	11	- 8
206	Nampart	65 30	150 15	114	..	..	..	256·3	271·3	26th	248·3	234·1	23rd	252·3	..	+1·2	5	-13
207	Valdez	61 7	146 16	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
208	Eagle	64 46	141 12	248	974·5	1006·8	- 8·0	264·3	278·9	25th	251·1	236·9	17th	257·7	*257·3*	+4·9	4	- 5
209	Dawson	64 4	139 29	324	988·3	1011·9	- 8·5	255·2	276·9	25th	245·8	230·2	16th,17th	250·5	*250·3*	+1·8	5	-13
210	Carcross	60 11	134 34	662	..	..	..	262·8	277·4	10th	254·4	236·9	16th	258·6	..	+1·3	3	-19
210a	Mayo Landing	63 35	135 51	?579	947·2	1021·8	..	?269·1	?276·3	26th	250·2	229·1	16th,17th	?259·7	?*259·4*	..	4	..
211	Fort Good Hope	66 25	128 53	65·2	1007·5	1016·7	- 6·5	250·8	273·6	25th	240·1	226·9	1st,18th	245·4	..	+0·3	9	- 4
212	✠Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	161	994·2	1018·1	- 5·0	256·9	274·1	28th	245·2	227·4	18th	251·1	..	+2·0	4	-10
225	Jacobshavn	69 13	51 2	31·6	994·7	998·9	- 7·5	260·4	274·2	6th	255·6	243·9	28th	258·0	*258·0*	+4·2	4	- 3
226	Godthaab	64 11	51 43	20·4	..	..	..	268·8	274·6	1st	260·7	254·0	22nd	263·7	*264·0*	+1·1	3	-43
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	992·0	995·7	- 6·1	271·8	276·5	21st	264·6	254·8	1st	268·2	*268·7*	+4·8	119	+69
231	Stykkisholm	65 5	22 46	25	..	1000·5	0·0	276·7	281·0	6,15,17	270·6	262·4	2nd	273·7	*273·6*	+3·3	113	+48
233	Vestmanno	63 24	20 17	132	..	1002·0	+ 2·1	278·4	282·1	7th	273·3	266·1	2nd	276·1	*276·0*	+2·4	160	+37
234	Grimsey	66 33	18 1	22·0	..	1002·2	- 0·4	276·0	279·8	10th	272·2	266·2	1st	274·1	*274·0*	+3·9	30	+13
235	Teigarhorn	64 41	14 22	18·0	..	1004·6	+ 2·4	277·6	283·6	7th	271·7	266·2	1st	274·7	*274·5*	+2·7	112	+12
236	Hjøvig	62 3	6 45	22·9	1005·8	1008·6	+ 3·2	280·5	283·4	3rd	275·8	269·2	1st	278·1	*278·5*	+2·2	89	-45
237	Lerwick	60 8	W. 1 11	18·0	..	1011·6	+ 4·3	280·1	283·0	3rd,16th	277·1	274·1	2nd,5th	278·6	*278·6*	+2·1	82	+ 2
238	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	1009·9	1015·5	+ 5·4	277·8	282·5	25th	274·0	270·9	6th	275·9	*275·9*	+1·0	126	- 7
239	Aalesund	62 28	6 10	6·3	1013·1	1013·9	+ 4·7	..	281·6	23rd	273·5	270·4	2nd	..	*276·0*	+0·9	78	-14
240	Trondhjem	63 26	10 25	37·0	‡1007·2	1014·7	+ 6·5	275·7	280·7	23rd	269·7	262·5	7th	272·7	*272·9*	+2·2	19	-49
241	Bodö	67 17	14 24	22·3	1009·2	1012·0	+ 6·4	..	279·2	11th	270·1	260·2	20th	..	*272·6*	+2·0	90	+21
242	Haparanda	65 50	24 9	9·2	1015·2	1016·4	+ 7·4	266·6	277·5	9th	258·8	247·0	21st	262·7	*263·1*	+1·8	55	+27
242a	Helsingfors	60 10	24 57	11·7	1017·6	1019·1	+ 6·5	270·7	277·6	9th	266·3	257·2	20th	268·5	*268·5*	+2·2	37	0
	Kuopio	62 55	27 40	233	989·0	1019·2	+ 6·6	266·6	273·0	5th	261·9	250·0	21st	264·3	*264·6*	+1·3	39	+ 4
243	Kola	68 53	33 0	6·7	1013·0	1013·9	+ 6·2	268·7	276·5	11th	260·6	247·8	19th	264·7	*265·5*	+4·1	22	+ 6
244	Petrozavodsk	61 47	34 23	79·0	1009·2	1019·5	+ 5·7	268·4	274·6	10th	261·5	244·1	21st	264·9	*265·2*	+2·0	6	-21
245	Arkhangelsk	64 34	40 31	6·3	1016·4	1017·2	+ 8·3	267·8	272·9	10th	260·4	244·6	18th	264·1	*264·8*	+4·5	46	+28
246	Mezen	65 50	44 16	14·9	1014·3	1016·2	+ 5·3	267·4	273·9	12th	260·6	238·3	18th	264·0	*264·0*	+4·8	26	+17
247	Oust-Tsylma	65 25	52 18	68	1009·1	1018·1	+ 6·0	264·7	272·6	28th	258·5	238·2	20th	261·6	*261·5*	+4·1	17	+ 1
248	✠Tcherdyn	60 24	56 31	?208	997·1	1024·5	+ 6·6	263·8	270·0	28th,27th	259·0	251·3	18th	261·4	*261·1*	+2·4	15	-11
249	Berezov	63 56	65 4	46	1018·3	1024·6	+ 8·4	258·3	270·5	25th	250·5	239·2	20th	254·4	*254·9*	+0·2	5	- 7
250	Obdorsk	66 31	66 36	35·2	1019·4	1024·3	+ 7·3	256·0	268·9	28th	248·9	237·7	20th	252·4	*252·6*	+2·1	4	- 4
251	New Port	67 42	72 57	3·3	..	..	..	254·8	266·6	5th	246·5	236·2	21st,28th	250·6	*251·1*	..	7	..
252	Sourgout	61 15	73 24	40	1020·8	1026·2	+ 6·9	..	..	..	..	..	..	..	*255·0*	+1·8	10	- 2
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	1002·6	1027·1	..	..	..	..	..	..	..	..	..	..	..	..
268	Naiakhan	61 55	158 59	29·0	1008·4	1012·3	..	259·0	270·7	17th	252·9	245·9	23rd	256·0	*256·3*	..	9	..
271	Novo Marlinskii Post	64 45	177 33	? 17	1012·4	1014·7	- 2·4	..	273·2	15th	..	236·4	28th	..	*251·8*	+0·5	2	- 4
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
✠Change of normals, see pages 105 and 106.

FEBRUARY - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	274·5	278·6	10th	268·9	264·1	23rd	271·7	..	..	74	..
302	St. Paul Island	57 15	170 10	12·2	..	993·9	- 7·9	270·8	277·4	11th	266·8	258·6	23rd	268·8	..	+1·4	8	-38
303	Dutch Harbor (Radio)	53 55	166 30	4·0	988·0	988·5	-10·1	274·6	280·8	2nd	268·4	262·4	6th	271·5	*271·8*	-1·3	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	∮Dillingham	59 0	158 28	24·4	..	..	..	270·2	278·6	14th,15th	261·6	243·0	5th	265·9	..	0·0	26	-13
306	∮Kodiak (Radio)	57 47	152 22	4·6	989·4	990·2	-11·4	276·7	284·1	14th	271·6	259·7	22nd	274·1	*274·3*	+1·3	§188	+80
309	Sitka	57 3	135 19	19·8	..	..	..	279·7	283·6	13th	272·7	263·0	16th	276·2	..	+2·0	135	-30
310	Prince Rupert	54 18	130 18	51·8	999·4	1005·8	- 5·3	279·7	282·4	7,18,25	273·6	261·3	16th	276·6	*276·9*	+1·5	165	-50
311	Barkerville	53 2	121 35	1274	861·6	1012·4	- 4·8	271·3	276·9	25th	261·3	239·7	16th	266·3	*266·5*	+0·7	48	-18
312	Kamloops	50 41	120 29	385	969·8	1017·9	- 4·3	274·3	282·4	21st	267·2	254·1	17th	270·7	*271·1*	+0·5	20	+ 3
313	Calgary	51 2	114 2	1045	890·5	1018·1	- 1·4	270·8	283·0	20th	258·6	238·6	17th	264·7	*263·9*	+0·9	18	+ 4
314	Fort Chipewyan	58 42	111 10	218	986·6	1015·9	- 4·5	258·6	278·8	20th	247·7	232·7	1st	253·1	*253·6*	+1·7	5	- 9
315	Prince Albert	53 10	105 38	442	963·5	1021·8	+ 0·5	262·4	278·0	21st	249·7	233·0	15th	256·1	*255·9*	+0·5	11	- 5
316	Qu'Appelle	50 30	103 47	645	937·1	1020·3	- 1·5	263·0	278·6	21st	251·9	236·3	17th	257·4	*257·5*	+1·0	15	- 5
317	Minnedosa	50 15	99 50	515	953·4	1020·6	- 1·8	261·9	276·1	21st	252·3	241·1	15th	257·1	*256·6*	+1·8	11	- 4
318	Berens River	52 18	97 23	216	..	..	..	259·8	273·0	22nd	246·6	234·7	13th	253·2	..	+0·4	32	+18
318a	Port Nelson	57 0	92 51	14·9	1015·2	1017·2	- 0·8	253·6	271·3	21st	245·2	234·1	5th	249·4	..	+2·1	3	- 9
319	Pagwa	50 3	85 18	189	..	..	..	267·2	277·4	22,23,28	249·6	235·2	4th	258·4	..	+2·6	50	+12
320	Moose Factory	51 14	80 30	9·1	1016·0	1017·2	+ 0·2	262·4	275·2	22nd,23rd	248·6	231·9	19th	255·5	..	+1·6	15	- 8
321	Fort George	53 50	79 5	975	..	..	..	258·6	274·7	26th	243·4	226·9	2nd,3rd	251·0	..	+0·9	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	263·1	273·0	27th	247·0	229·7	5th	255·1	..	+1·2	26	-17
324	Natashquan	50 8	61 48	6·1	..	..	..	263·1	274·7	1st	249·0	236·3	20th	256·1	..	-2·6	23	-39
326	Belle Isle	51 53	55 23	130	990·8	1008·4	+ 2·3	262·2	270·2	28th	255·0	245·8	20th	258·6	*258·3*	-2·1	..	..
331	55°-50°N. 30°-25°W.	††52 46	††27 27	§(22)	..	1000·7	..	..	..	Sea Temp. 282·3	0·0	..	..	..	281·1	..	..	..
333	53°-48°N. 20°-15°W.	††49 28	††17 20	§(36)	..	1011·9	..	..	..	284·3	+0·3	..	..	..	283·0	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1011·4	1013·0	+ 0·3	282·8	284·6	20th	278·7	272·7	2nd	280·7	281·0	+1·0	102	-27
335	Aberdeen	57 10	W. 2 6	26·0	1010·7	1013·9	+ 3·7	280·0	284·7	15th	275·4	270·9	12th,25th	277·7	277·7	+1·0	45	- 8
336	Greenwich	51 28	0 0	46·3	..	1018·2	+ 2·3	280·8	286·3	21st,22nd	274·5	269·1	11th	277·7	277·6	+0·3	86	+46
337	Uccle	50 48	E. 4 22	100	1006·8	1019·3	+ 2·7	279·8	287·7	28th	273·7	268·4	9th,10th	276·7	276·5	+0·6	65	+14
338	De Bilt	52 6	5 11	3·0	1018·7	1019·1	+ 2·9	279·7	284·8	28th	272·3	267·2	19th	276·0	275·8	+0·2	58	+14
338a	Hamburg	53 33	9 58	40·3	1015·2	1020·3	+ 4·7	277·5	285·0	25th	272·4	267·1	20th	274·9	*274·6*	+0·7	20	-27
339	‡Copenhagen (Meteor Inst.)	55 41	12 36	5·0	1018·6	1019·2	+ 5·5	275·8	279·6	5th	271·8	268·5	20th	273·8	*274·0*	+1·6	16	-18
340	Potsdam	52 23	13 4	84·9	1010·7	1021·5	+ 5·4	276·5	284·8	28th	271·2	263·5	20th	273·9	273·5	0·0	21	-22
340a	Uppsala	59 51	17 38	24	1015·1	1018·1	+ 5·7	273·1	279·1	18th	268·1	259·2	20th	270·6	270·6	+2·4	27	- 5
341	Warsaw	52 13	21 3	89·9	1010·4	1022·0	+ 4·0	273·3	281·0	28th	259·7	248·4	13th	262·8	*262·8*	+1·3	34	+16
342	Tartu (Ülikooli)	58 23	26 43	80·8	1010·0	1020·5	+ 6·4	270·2	274·9	2nd	255·7	247·1	9th	259·6	*259·7*	+0·7	4	-24
343	Leningrad	59 56	30 16	4·8	‡1019·4	1020·5	+ 6·4	268·9	273·7	2nd	263·6	250·2	22nd	266·3	*266·1*	+1·1	20	- 3
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	1000·7	1022·5	+ 3·9	267·7	272·7	10th	261·6	250·7	24th	264·5	265·7	+0·6	11	-10
345	Saratov	51 32	46 2	127	1007·5	1024·4	+ 2·4	264·2	270·9	19th	258·0	248·0	11th	261·1	*261·3*	-0·7	22	..
346	Kazan	55 47	49 8	79·9	1013·9	1024·5	+ 3·4	265·9	270·6	2nd	259·7	248·4	13th	262·8	*262·8*	+1·3	34	+16
347	Orenburg	51 45	55 6	109	1013·0	1027·6	+ 2·4	263·5	269·6	1st	255·7	247·1	9th	259·6	*259·7*	+0·7	4	-24
348	Perm	58 1	56 16	163	1004·4	1026·0	+ 5·4	265·0	273·0	20th	258·5	245·5	12th	261·8	*261·7*	+2·0	19	-10
349	Sverdlovsk	56 50	60 38	281	989·4	1026·5	+ 5·2	264·4	275·0	25th	256·4	247·2	12th	260·4	*260·2*	+0·3	7	- 1
350	∮Tobolsk	58 12	68 14	108	1013·9	1028·4	+ 5·9	..	..	..	255·9	247·7	6th	..	*259·2*	+2·3	12	- 1
351	∮Akmolinsk	51 12	71 23	353	985·2	1032·4	+ 3·0	261·3	274·0	13th	251·1	244·7	24th	256·2	*256·4*	0·0	9	- 4
352	∮Omsk	55 1	73 19	108	1016·7	1031·4	+ 6·7	261·1	269·3	1st	252·4	245·0	6th	256·8	*257·2*	+1·9	5	- 5
353	Barnaoul	53 20	83 48	158	1012·7	1034·1	+ 4·2	..	273·6	14th	250·8	239·4	26th	..	*257·2*	+0·6	10	- 5
354	Tomsk	56 30	84 58	122	1016·6	1033·2	+ 6·3	263·3	272·1	14th	252·5	241·3	24th	257·9	*258·0*	+1·6	10	-12
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1011·0	1018·9	- 0·3	254·5	261·1	8th	243·4	235·6	5th	249·0	*249·3*	-3·4	3	- 9
366	Okhotsk	59 21	143 17	5·5	1014·2	1015·0	- 1·8	256·3	267·4	18th	248·1	240·0	27th	252·2	*252·3*	+1·1	2	0
368	Petropavlovsk(Phare)	52 53	158 43	87·1	990·8	1002·1	- 2·8	..	..	..	262·8	258·1	13th	..	..	..	46	-10
369	Kluchevskoye	56 21	160 48	? 30	1003·5	1007·4	..	..	..	..	253·2	238·7	10th	..	*258·0*	..	16	..
370	Nikolskoe	55 12	165 59	6·8	1001·2	1002·1	..	270·3	273·0	17th	265·8	260·5	7th,17th	268·0	..	..	9	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 107.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see page 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

FEBRUARY - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1002·7	1011·3	- 5·3	281·8	284·0	20th	276·3	272·6	17th	279·1	278·9	+1·4	64	-19
412	Portland, Oregon	45 32	122 41	46·6	1006·2	1013·5	- 4·7	284·0	286·9	25th	277·1	272·4	11th	280·6	*280·2*	+2·3	177	+37
413	Macleod	..	..	..	..	..	..	272·1	279·7	22nd	261·0	239·1	17th	266·6	*266·6*	+0·9	18	0
414	Helena	49 44	113 24	953	..	..	..	270·4	284·7	20th	264·3	251·9	17th	267·4	*270·3*	+2·1	12	- 4
414a	Salt Lake City	46 34	112 4	1253	870·4	1016·2	- 2·2	279·7	286·3	20th	264·1	251·9	17th	269·9	*270·3*	+2·1	12	- 4
415	Cheyenne	40 46	111 54	1329	866·9	1016·9	- 1·3	279·7	286·3	20th	272·9	266·3	11th	276·3	*276·2*	+2·7	38	+ 1
416	North Platte	41 8	104 48	1856	809·5	1016·9	+ 0·2	276·8	285·2	2nd	265·6	250·8	9th	271·3	*271·5*	+1·4	28	+14
416a	Bismarck	41 8	100 45	860	917·1	1019·3	- 0·2	280·5	292·4	21st	266·2	254·7	10th	273·3	*272·6*	+3·7	12	- 1
417	Winnipeg	46 47	100 38	510	965·5	1018·9	- 1·7	269·9	281·3	20th	260·0	246·3	9th	265·0	*264·9*	+4·7	5	-·7
418	Duluth	49 53	97 7	232	988·4	1019·1	- 2·6	263·3	277·9	21st	254·4	241·9	8th	258·9	*259·9*	+3·6	10	- 9
419	Port Arthur	46 47	92 6	345	974·7	1017·9	- 0·7	268·7	279·1	23rd	259·0	245·2	18th	263·9	*263·2*	+2·5	39	+13
420	Chicago	48 27	89 12	196	992·4	1017·8	- 1·3	267·4	276·9	23rd	259·1	246·9	18th	263·3	*263·3*	+4·1	14	- 4
421	Toronto	41 47	87 35	205	992·2	1017·6	- 1·0	278·1	286·3	22nd	271·2	264·1	10th	274·7	*274·6*	+4·5	19	-34
422	∮New York (Central Park)	43 40	79 24	116	1002·0	1016·8	- 1·2	273·7	279·6	23rd	267·1	260·4	19th	270·4	*270·5*	+3·5	52	- 8
423	St. John, N.B.	40 47	73 58	47·4	1011·3	1017·3	- 0·4	278·5	286·3	24th	272·4	267·4	5th	275·4	*275·2*	+2·8	88	- 4
424	S.W. Point, Anticosti	45 17	66 4	36·3	1011·3	1016·0	+ 2·1	269·1	276·3	24th	261·3	253·4	20th	265·2	*265·5*	-1·1	76	-23
424a	Sable Island (Main Station)	43 57	60 6	7·6	1011·9	1012·9	+ 0·6	273·6	279·1	21st	266·9	260·2	5th	270·2	*270·2*	-0·8	145	+26
425	Port aux Basques	47 35	59 10	9·1	1011·5	1012·7	+ 1·9	266·9	272·7	18th,25th	259·7	252·2	20th	263·3	*263·3*	-1·5	87	- 2
426	St. John's, Newfoundland	47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	942·6	1022·5	+ 2·2	283·0	286·2	6th	274·1	270·3	9th	278·6	*278·0*	-0·5	19	-28
436	Nantes	47 15	W. 1 34	36·5	1014·8	1019·3	+ 1·2	282·3	287·5	28th	275·6	270·4	10th	278·9	278·8	+0·2	55	- 3
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1014·2	1020·5	+ 2·6	281·1	288·5	28th	274·0	267·5	11th	277·5	277·3	+0·2	43	+10
438	Marseille	43 18	5 23	75	..	1018·8	+ 2·2	286·4	292·0	28th	275·1	270·7	21st	280·8	*280·1*	-0·8	42	+ 5
438a	Zürich	47 23	8 33	493	962·5	1023·3	+ 3·1	278·1	286·1	28th	270·2	264·6	10th	274·1	273·3	-0·5	73	+18
439	Rome	41 54	12 27	45·5	1014·1	1019·7	+ 3·4	284·6	290·7	28th	276·0	270·8	21st	280·3	*280·4*	-0·9	66	- 2
440	Vienna	48 15	16 22	203	997·8	1023·3	+ 4·4	277·2	287·6	28th	270·4	262·3	21st	273·8	273·6	+0·1	7	-26
440a	Budapest	47 31	19 1	130	1006·8	1023·3	+ 4·1	277·5	290·2	28th	270·1	262·5	21st	273·8	273·5	0·0	12	-18
441	∮Sofia	42 42	23 20	550	955·7	1023·9	+ 3·6	274·8	283·7	28th	267·7	254·8	23rd	271·3	*271·0*	-2·2	32	+ 1
442	Bucharest	44 25	26 6	82	1013·1	1023·7	+ 3·9	273·2	278·0	18th	265·2	253·8	23rd	269·2	268·8	-3·4	25	- 3
443	Odessa (Observatory)	46 26	30 46	42·8	1017·1	1022·6	+ 2·9	..	274·6	1st,2nd	..	256·6	23rd	..	*268·7*	-2·6	3	-18
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1013·9	1018·6	+ 0·4	274·5	284·8	3rd	267·7	261·5	6th,13th	271·1	*270·8*	-5·3	128	+60
445	Tiflis	41 43	44 48	404	971·1	1021·0	- 0·6	277·4	282·7	22nd	269·8	262·1	18th	273·6	*273·2*	-2·3	35	+16
446	Astrakhan	46 21	48 2	- 20·0	1026·0	1023·4	+ 0·5	267·5	276·1	24th	261·1	251·7	10th	264·3	*264·4*	-3·5	8	- 1
447	Fort Alexandrovsk	44 31	50 7	- 23·0	1025·0	1022·3	+ 0·2	272·7	282·3	24th	266·8	260·9	16th	269·7	*269·6*	-0·8	6	- 1
448	Krasnovodsk	40 0	52 59	- 4·6	1020·4	1019·6	- 1·3	280·0	286·3	23rd	273·6	267·8	6th	276·8	*276·6*	-0·5	4	- 9
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Tashkent	41 20	69 18	478	964·7	1023·6	- 0·9	279·2	289·2	12th	270·3	259·6	2nd	274·7	*274·0*	-0·3	14	-20
451	Narynskoe	41 26	76 13	2015	..	..	..	1.	..	..	255·4	247·1	3rd	..	*262·0*	+3·0	6	- 4
452	Alma Ata	43 16	76 53	841	924·0	1028·2	+ 0·8	271·7	285·3	13th	262·6	251·5	25th	267·1	*266·5*	+0·2	17	-11
461	Moukden	41 48	123 23	43·8	1020·0	1025·8	+ 0·4	270·7	277·7	14th	259·1	251·5	8th	264·9	264·6	+0·8	1	- 6
462	Joshin	40 40	129 11	31·9	1017·2	1021·3	+ 0·6	272·6	277·9	25th	263·8	257·6	8th	268·2	268·1	-0·6	7	- 8
463	Yuki	42 20	130 24	63·8	1013·2	1021·6	+ 0·5	269·5	277·9	15th	260·8	256·3	8th	265·1	265·1	-1·3	0	- 9
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1009·8	1013·5	- 0·3	263·3	270·0	27th	251·7	241·6	5th	257·5	257·6	-1·9	18	-12
466	Nemuro	43 20	145 35	26·7	1007·8	1011·3	- 1·4	269·5	274·4	15th	262·5	257·0	4th	266·0	266·4	-1·1	23	- 2
466a	Syena	45 14	147 53	39·3	1005·0	1010·1	- 1·3	268·2	274·8	26th	260·9	253·3	13th	264·5	265·0	-1·0	112	+58
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

FEBRUARY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N. 145°-140°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1011·3	1016·9	- 2·1	288·0	290·2	28th	282·4	279·7	12th	285·2	*284·9*	+1·4	174	+82
512	San Luis Obispo	35 18	120 39	61·3	1011·2	1018·6	- 0·6	290·8	295·2	28th	281·3	276·3	11th	286·1	..	+1·4	198	+99
512a	Sacramento	38 35	121 30	21·0	1014·7	1017·3	- 1·6	287·4	291·9	25th	280·6	275·2	11th	284·0	*284·2*	+0·9	127	+55
513	San Diego	32 43	117 10	26·5	1014·7	1017·9	+ 0·1	289·3	291·9	18th	283·8	279·1	2nd	286·6	*286·3*	+0·9	170	+123
514	Modena	37 48	113 54	1668	832·1	1015·2	- 1·2	280·6	289·7	25th	269·5	262·4	1st	275·1	*275·1*	+2·3	28	+ 2
515	Santa Fé	35 41	105 57	2138	785·4	1015·6	+ 0·7	280·8	288·6	26th	271·4	265·2	10th	276·1	*275·7*	+3·0	41	+19
516	Denver	39 45	105 0	1613	834·8	1016·2	+ 0·1	281·9	290·8	21st	269·3	258·0	9th	275·6	*275·2*	+2·8	8	- 5
517	Abilene	32 23	99 40	530	955·1	1017·3	- 1·3	290·6	300·8	21st	277·9	268·6	18th	284·2	*283·6*	+3·1	58	+35
518	Saint Louis	38 38	90 12	173	996·9	1017·9	- 1·7	283·7	294·1	5th	274·7	266·9	19th	279·2	*278·8*	+5·3	14	-51
519	Mobile	30 41	88 2	17·4	1016·1	1017·9	- 1·6	294·4	299·7	24th	286·1	276·3	19th	290·2	*289·6*	+5·3	201	+68
520	Nashville	36 10	86 47	186	998·0	1018·3	- 2·1	287·9	296·6	17th	278·8	269·7	28th	283·4	*283·7*	+5·5	108	+ 2
521	Charleston	32 47	79 56	14·6	1016·5	1018·3	- 1·7	293·5	300·8	4th	284·9	279·1	21st	289·2	*288·5*	+5·5	55	-29
522	Washington	38 54	77 3	34·1	1012·6	1017·3	- 2·6	283·2	294·7	17th	274·1	270·6	5th	278·6	*278·0*	+4·1	85	+ 4
524	Bermuda	32 17	64 46	46·0	1015·7	1021·2	+ 2·7	294·7	296·8	18th	287·1	284·9	2nd,17th	290·9	*290·6*	+0·7	69	-50
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107,108 and 109. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

FEBRUARY - ZONE 5.(EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1012·0	1016·7	- 4·4	289·9	292·7	8th	284·0	281·3	11th,27th	286·9	*287·0*	+0·3	175	+ 1
531	Horta	38 32	28 38	65	1010·9	1018·7	- 2·4	289·1	291·4	4th	285·1	281·9	22nd	287·1	287·2	0·0	111	+15
532	Ponta Delgada	37 44	25 40	22	1018·1	1020·7	+ 0·3	289·4	290·6	5th	286·1	283·0	22nd	287·8	287·8	+0·7	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	111	+ 6
533	Madeira (Funchal)	32 38	16 55	25	1021·5	1024·5	+ 3·7	291·1	292·6	27th	286·5	285·0	6th,19th	288·8	*288·6*	+0·5	4	-87
535	Lisbon	38 43	9 9	95	1009·2	1020·8	+ 1·2	287·5	289·7	27th	281·9	279·5	16th	284·7	284·5	+0·3	63	-26
535a	Melilla	35 17	2 59	40	1016·6	1021·5	..	289·2	294·4	24th	282·9	280·6	11th	286·0	*286·1*	+1·2	95	+10
536	✱Gibraltar	36 8	5 21	16·2	..	1021·0	+ 1·0	288·9	294·1	26th	282·0	280·2	3,8,19	285·5	*285·7*	-0·7	148	+33
536a	Colomb-Béchar	31 36	W. 2 4	769	930·6	1018·4	..	290·6	298·0	28th	276·7	273·0	9th	283·6	*282·3*	..	1	..
537	Palma	39 34	E. 2 39	23	1016·7	1019·5	+ 0·8	288·7	293·0	25th,26th	277·8	275·0	6th	283·2	*282·5*	-1·2	43	+ 8
538	✱Algiers (Bouzaréah)	36 48	3 2	342	978·8	1019·5	+ 1·4	285·9	295·8	28th	280·6	274·5	8th	283·2	283·3	0·0	81	+13
538a	✱Gadames	30 9	9 30	351	..	..	..	293·0	301·1	26th,28th	276·1	273·4	11th	284·5	..	-1·6	0	- 7
539	Tunis	36 48	10 10	75	1012·0	1021·2	..	288·0	295·7	28th	279·2	274·2	9th	283·6	*282·9*	-0·9	14	-37
539a	Malta	35 54	14 31	56·4	..	1019·3	+ 3·5	287·6	293·0	28th	282·7	280·2	14th	285·1	*284·6*	-0·8	44	-12
540	Riposto	37 41	15 14	14·2	..	1020·2	+ 3·1	286·7	290·0	27th	279·8	277·0	13th,22nd	283·3	*284·1*	-0·5	76	+ 3
541	Athens	37 58	23 43	107	1006·4	1019·6	+ 2·5	284·4	290·6	28th	278·0	273·6	14th	281·2	280·7	-1·4	41	+ 2
542	Alexandria	31 12	29 53	32·0	1013·9	1017·8	+ 0·9	290·0	295·7	21st	283·2	279·6	14th	286·6	*286·5*	-1·0	72	+49
543	Ankara (Angora)	39 58	32 48	970	904·1	1020·7	+ 1·8	273·7	281·2	1st	266·3	260·2	15th	270·0	*270·1*	..	39	..
543a	✱Colombo (P.W.D.)	35 9	33 22	159	995·6	1015·0	- 0·1	285·5	290·2	2,22,28	276·5	271·9	14th	281·0	..	-2·1	75	+13
544	Beirut	33 54	35 28	33·7	..	1015·6	- 0·8	287·9	293·6	21st	282·6	278·9	15th	285·2	*285·2*	-1·4	196	+42
545	Hinaldi	33 17	44 29	32·3	..	1017·8	+ 1·5	288·7	292·4	3,9,21	275·9	269·1	15th	282·3	*282·4*	-1·8	12	-17
546	Lenkoran	38 46	48 51	-20·0	1022·7	1020·2	- 1·2	..	282·6	28th	273·3	268·8	17th	..	*276·1*	-1·4	65	- 5
547	Tehran	35 41	51 25	1220	..	..	..	281·8	287·2	24th	272·8	266·4	16th	277·3	*277·2*	-0·9	32	+ 3
548	Meshed	36 17	59 36	946	879·1	..	..	280·7	289·4	12th	269·5	265·2	17th,18th	275·1	..	-0·7	49	+24
549	Seistan	31 0	61 30	610	..	..	..	288·9	295·3	7th	277·2	272·6	18th	283·1	..	-0·1	18	+ 7
550	Quetta	30 11	67 3	1677	832·9	..	..	282·2	287·9	14th	270·3	263·1	20th	276·2	*276·1*	-2·4	51	+ 4
551	Peshawar	34 2	71 37	339	977·4	1018·2	- 1·2	289·9	293·8	4th	279·1	275·3	28th	284·5	*283·9*	-0·8	18	-16
551a	Lahore	31 34	74 20	214	980·4	1016·2	- 1·0	292·9	296·1	15th	279·9	276·9	25th,28th	286·4	*286·1*	-1·0	14	- 9
552	Simla	31 7	77 8	2204	779·4	..	- 0·5	279·1	284·4	8th	273·5	269·9	24th	276·3	*276·2*	-2·4	193	+113
552a	Leh	34 10	77 42	3503	660·5	..	- 0·9	272·0	277·4	15th	260·2	255·8	28th	266·1	*265·1*	-1·0	10	+ 3
559	✱Hankow	30 35	114 17	37·0	1021·5	1026·1	- 3·1	281·1	287·0	16th	274·8	271·4	7th	277·9	*277·8*	-0·8	31	-16
560	✱Tientsin	39 10	117 10	5·0	1026·7	1027·3	+ 0·5	276·0	280·6	28th	267·3	262·2	8th	271·7	*271·6*	+0·7	0	- 3
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1024·9	+ 0·7	280·9	286·3	1st,12th	274·0	266·5	8th	277·5	276·8	+0·3	113	+53
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1015·9	1024·6	- 0·3	274·4	282·8	19th	266·5	260·5	9th	270·5	270·0	-0·4	1	-16
562a	Nagasaki	32 44	129 52	133	1004·4	1020·9	+ 1·6	281·4	289·4	15th	274·7	270·6	8th	278·1	277·6	-1·3	112	+24
563	Kyoto	35 1	135 44	42·9	1014·2	1019·6	+ 0·2	280·9	286·7	16th	270·8	266·2	9th,12th	275·9	275·0	-1·0	42	-22
564	Tokyo	35 41	139 46	5·8	1015·5	1019·2	+ 0·9	280·0	288·4	15th	270·5	266·5	9th	275·2	275·1	-1·7	43	-23
565	✱Hukusima	37 45	140 24	62·0	1008·5	1016·4	+ 0·1	276·2	281·5	25th	267·1	259·1	8th	271·7	271·4	-2·5	21	-33
566	Miyako	39 38	141 59	30·4	1010·5	1014·4	+ 0·2	276·4	281·9	16th	266·0	258·9	4th	271·2	270·7	-2·0	11	-56
		N.	E.				- 0·5											

FEBRUARY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1012·9	1013·5	- 2·2	294·3	299·1	28th	287·9	283·0	11th	291·1	*290·7*	0·0	65	-24
605	Honolulu	21 19	157 52	11·6	1016·0	1017·3	+ 0·8	298·6	300·8	19th	292·4	288·6	17th	295·5	*295·2*	+0·9	44	-53
613	Guaymas	27 55	110 53	8·3	1015·7	1016·6	..	297·3	302·0	19th	287·7	283·0	10th	292·5	*292·6*	-0·7	14	..
615	Chihuahua	28 38	106 4	1423	859·6	1015·2	- 1·3	296·6	302·0	21st	277·9	273·0	15th	287·2	*287·1*	+1·8	2	- 8
616	Leon	21 7	101 41	1809	821·5	1012·8	- 0·3	297·8	301·0	16th	280·2	278·0	21st	289·0	*288·5*	-0·2	0	- 8
616a	Monterry	25 40	100 18	528	953·6	1013·8	- 2·6	298·1	307·0	22nd	286·1	278·8	11th	292·1	*291·6*	+2·4	10	-10
617	✱Tulancingo	20 5	98 22	2181	790·4	1011·5	+ 0·2	296·5	300·0	sev. dates	276·6	274·5	21st	287·6	*285·9*	0·0	14	+ 3
618	Galveston	29 18	94 50	16·5	1015·5	1017·6	- 1·6	293·1	295·8	24th	287·2	274·1	18th	290·1	*289·5*	+3·9	44	-27
618a	New Orleans	29 57	90 4	18·2	1016·0	1017·9	- 1·0	295·9	300·2	6th	287·2	277·4	19th	291·6	*291·0*	+4·4	258	+153
619	✱Merida, Yuc.	20 58	89 38	22	1013·7	1016·2	- 0·8	304·1	306·6	18th	292·2	290·0	sev. dates	298·2	*297·5*	+2·0	28	+ 8
620	Havana	23 7	82 25	77·0	..	1018·2	- 0·1	300·5	303·2	12th	291·8	289·0	22nd	296·1	296·0	..	30	..
620a	Key West	24 33	81 46	6·7	1018·1	1018·9	+ 0·2	300·1	301·9	17th	293·9	290·2	22nd	297·0	*296·3*	+2·6	22	-16
621	Nassau, Bahamas	25 5	77 21	7·3	..	1019·6	+ 1·0	..	..	..	291·5	..	..	..	‡*296·6*	+1·9	10	-31
622	✱Watling Island	24 6	74 25	33·5	1017·0	1020·9	+ 2·0	..	300·2	21st	..	294·1	5th	..	*296·8*	+0·4	..	..
633	Port Etienne	20 56	17 3	4	1017·1	1017·6	..	304·7	308·0	13th	285·2	283·8	..	294·9	*291·2*	..	..	..
634m	Isaña	28 19	16 30	2367	768·7	..	+ 2·0	281·5	286·8	26th,27th	274·0	268·6	8th	277·7	*277·6*	+2·0	0	-76
634	La Laguna	28 28	16 20	547	958·2	1022·6	+ 2·7	289·2	293·4	27th	281·8	276·8	25th	285·5	*284·9*	0·0	22	-61
636	Adrar	27 38	W. 0 4	285	986·8	1020·5	..	297·2	304·0	27th,28th	277·7	272·6	21st	287·5	*288·9*	..	0	..
638	Laperrine	22 36	E. 5 26	1350	..	..	..	293·4	297·8	25th	278·3	274·6	4th	285·9	*286·7*	..	0	..
641	Giarabub	29 45	24 31	49	..	..	..	292·1	299·5	21st	284·9	281·0	18th	288·5	*288·0*	..	0	..
642	Siwa	29 12	25 29	- 23	1022·0	1019·2	..	292·8	298·5	20th	276·8	273·0	16,17,18	284·8	..	..	0	..
643	✱Cairo (Helwan)	29 52	31 20	116	1004·3	1018·3	+ 0·8	291·4	302·8	21st	280·2	275·8	18th	285·8	*285·5*	-1·6	2	- 8
643a	Aswan	24 2	32 53	100	1005·8	1017·5	+ 1·0	296·5	304·0	8th	281·4	277·3	17th	289·0	*288·2*	-1·9	..	..
644	Tor	28 14	33 37	1·9	1015·9	1016·0	+ 0·1	292·6	297·4	22nd	?282·5	?278·7	17th	?287·6	?287·4	-0·8	0	- 2
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ✱Change of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

FEBRUARY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1015·5	1018·0	..	290·1	294·8	11th	284·3	279·8	21st	287·2	*286·9*	-0·8	32	-16
648	Jask	25 45	57 45	4·0	1014·2	1014·6	..	296·8	299·4	14th	289·6	286·7	22nd	293·2	*292·9*	0·0	51	+29
649	Karachi	24 53	66 57	4·0	1016·2	1016·7	+ 0·2	296·8	298·6	28th	288·3	284·7	21st	292·6	*292·3*	-1·2	28	+18
650	Jacobabad	28 17	68 29	56·7	1009·8	1016·6	+ 0·2	297·2	302·8	15th	282·2	276·8	23rd	289·7	*289·3*	-0·5	4	- 4
651	Jaipur	26 56	75 52	436	966·1	1017·3	+ 0·1	296·7	301·8	14th	282·0	277·0	19th	289·3	*288·7*	-2·2	18	+11
652	Nagpur	21 8	79 5	310	979·6	1015·3	+ 0·1	303·9	307·8	15th	288·8	281·8	19th	296·3	*296·1*	0·0	63	+48
653	Allahabad	25 25	81 51	94·2	1003·9	1015·1	- 0·6	298·5	302·3	17th	284·9	279·9	26th	291·7	*291·1*	0·0	26	+11
653a	Darjeeling	27 3	88 15	2265	774·3	..	- 1·1	281·8	284·5	1st	275·3	272·2	28th	278·6	*278·5*	+0·1	33	+ 5
654	Calcutta	22 36	88 23	6·4	1013·8	1014·6	- 0·3	301·0	303·9	18th	289·4	285·3	20th	295·2	*294·8*	+0·5	30	+ 2
655	Gauhati	26 8	91 41	59·7	1008·4	1015·6	- 0·7	296·9	300·6	11th	284·6	280·6	27th	290·7	*289·8*	-0·9	76	+45
655m	Cherrapunji	25 15	91 42	1313	869·5	..	- 0·5	288·8	293·1	20th	281·4	278·3	28th	285·1	*284·4*	-0·6	27	-42
655a	Akyab	20 11	92 56	6·1	1013·0	1013·7	- 0·5	301·2	304·2	7th	290·4	287·2	21st	295·8	*295·6*	+0·1	72	+68
656	Mandalay	21 59	96 0	76·2	1005·2	1014·1	- 0·2	304·0	307·6	25th	288·8	284·1	13th	296·4	*295·7*	-0·5	53	+51
656a	Tengyueh	25 2	98 33	1628	836·1	1014·4	..	288·8	291·9	..	275·9	272·4	..	282·3	*281·7*	-0·3	94	+56
657	Phu Lien	20 48	106 38	116	1002·7	1016·4	- 0·4	292·0	298·6	3rd	287·0	282·3	8th	289·5	289·0	-0·7	56	+23
658	Moncay	21 31	107 51	9·0	1016·0	1017·1	- 0·4	290·9	297·7	25th	285·9	281·4	9th	288·4	*287·9*	-0·7	76	+18
659	Hongkong	22 18	114 10	33·2	..	1017·8	- 0·8	289·8	296·4	4th	285·9	280·7	7th	287·8	287·7	-0·2	110	+64
661	✱Taihoku, Formosa	25 2	121 31	9·3	1018·8	1019·9	- 0·1	290·3	299·3	25th	285·2	280·5	8th	287·8	287·3	-0·5	188	+56
661a	✱Basco	20 28	121 59	18·7	..	1015·0	0·0	298·4	302·2	25th	293·8	291·1	9th	296·1	*295·8*	+0·3	127	+ 9
662	Naha	26 13	127 41	8·2	1018·1	1019·1	+ 0·4	291·9	297·4	25th	286·1	280·4	9th,12th	289·0	288·9	-0·1	106	-34
665	✱Titisima (Bonin Islands)	27 5	142 11	4·1	1016·8	1017·3	+ 0·5	292·6	296·0	26th	286·6	280·2	2nd	289·6	289·7	-0·7	29	-55
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

FEBRUARY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. °	W. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	958·6	1015·0	+ 2·1	303·9	307·8	10th	287·6	285·1	9th	295·8	*294·1*	-1·6	0	- 1
716	Morelia	19 42	101 7	1923	810·5	1012·9	+ 0·7	294·2	297·3	17th	281·1	278·3	9th	287·6	*287·4*	-0·8	4	- 2
717	✱Mexico, Tacubaya	19 24	99 12	2309	775·2	..	+ 0·3	295·2	298·2	16th	277·7	274·2	8th	286·5	*285·9*	-0·6	15	+ 7
718	✱Salina Cruz	16 12	95 12	56	1006·9	1013·3	- 0·3	302·6	306·5	11th	296·6	295·0	22nd	299·6	*299·7*	+2·1	0	- 7
719	San Salvador	13 42	89 13	682	939·0	1014·7	+ 1·3	307·3	310·2	9th	289·0	285·0	4th	298·1	*296·2*	+0·7	6	- 1
720	✱Belize	17 31	88 11	5·2	1016·1	1016·7	+ 0·9	..	..	..	295·2	289·9	1st	..	‡*297·9*	+1·1	50	-12
721	✱Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1016·9	+ 1·4	303·1	304·7	5th	293·6	290·5	14th	298·3	*297·9*	+0·7	29	-18
722	Port au Prince	18 33	72 20	37·4	1012·9	1017·2	+ 1·0	303·8	306·7	20th	293·5	291·3	19th	298·6	*298·2*	+0·3	48	-16
723	Caracas	10 30	66 56	1042	900·4	1015·6	+ 0·8	295·4	297·6	15th	286·6	283·5	20th	291·0	*290·9*	-0·4	73	+64
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·8	1017·9	+ 0·6	299·1	300·8	28th	293·4	291·3	18th	296·3	*296·1*	-0·5	41	-23
724a	Grenade (Richmond Hill)	12 5	61 46	**	996·8	1014·8	+ 0·7	301·5	303·6	18th,26th	295·2	294·1	5,19,23	298·3	*297·9*	+0·2	129	+58
725	✱Barbados	13 8	59 36	55·2	..	1015·2	+ 0·2	301·3	302·7	28th	294·8	293·0	17th	298·1	*297·9*	+0·3	33	-21
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·6	1014·8	- 0·4	295·7	296·0	1st,15th	290·5	289·0	5,24,28	293·1	*293·5*	-0·8	0	- 5
732	Santiago, C. Verde Is.	14 54	23 31	34	1011·1	1015·0	0·0	298·3	300·8	27th	293·2	291·0	1st,11th	295·7	*295·6*	+0·6	0	- 2
733	Dakar	14 40	17 26	32	1008·8	1012·5	..	301·8	309·8	20th	289·9	288·5	10th	295·9	*293·7*	+1·0	1	- 1
734	Bathurst (Cape St.Mary)	13 29	16 40	15·9	..	..	..	302·4	308·0	21st	..	..	..	..	..	..	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	307·1	311·5	28th	287·7	284·6	11th	297·4	*296·4*	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	✱Sokoto	13 2	E. 5 14	353	..	..	..	308·9	313·6	6th	291·7	288·6	14th	300·3	*300·1*	+0·9	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	306·1	309·1	6th	..	..	..	..	‡*297·3*	0·0	0	- 1
739	✱Maiduguri	12 40	10 5	?	..	..	..	307·3	312·4	6th	..	..	..	..	‡*298·9*	+0·2	0	0
740	El Fasher	11 47	13 11	361	..	..	..	308·1	313·0	7th,8th	289·1	285·8	13th	298·6	*298·5*	-0·1	0	0
741		13 32	25 18	730	929·5	1011·2	..	304·8	313·0	9th	285·4	282·0	16th	295·1	*294·0*	..	0	0
743	El Obeid	13 11	30 14	563	947·9	1011·8	+ 0·3	304·4	312·0	9th	285·6	280·6	16th	295·0	*293·8*	-0·5	0	0
743a	✱Khartoum	15 37	32 33	390	967·6	1012·2	+ 0·9	304·3	312·9	9th	288·4	282·0	16th	296·4	*296·2*	-0·7	0	0
744	Port Sudan	19 37	37 13	5·5	1013·5	1014·2	+ 0·4	299·3	302·6	9th	291·4	288·2	16th	295·4	*295·0*	-0·8	0	0
745	✱Berbera, Somaliland	10 22	45 2	13·8	1011·5	1013·0	- 1·5	301·3	303·0	21st,22nd	295·4	290·2	12th	298·3	*298·1*	+0·1	2	- 3
746	Aden	12 45	45 3	28·7	1010·9	1014·2	- 1·1	301·6	304·8	19th	296·8	296·2	22nd	299·2	*298·6*	+1·1	0	- 5
751	Bombay	18 54	72 49	11·3	1012·8	1014·2	- 0·3	301·2	302·6	4th	293·2	289·9	24th	297·2	296·5	-0·1	1	- 1
752	Kodaikanal	10 14	77 28	2343	772·9	..	+ 0·6	292·4	295·3	25th	282·6	279·2	2nd	287·5	*286·9*	+1·1	49	+13
752a	Bangalore	12 59	77 36	921	912·7	1013·7	+ 0·2	304·6	307·1	17th	290·4	285·4	3rd	297·5	*297·2*	+1·9	10	+ 6
753	Madras	13 4	80 14	6·7	1013·4	1014·2	- 0·2	304·4	309·9	18th	293·9	291·4	4th	299·2	*298·7*	+0·9	0	- 8
754	Vizagapatam	17 42	83 19	11·6	1012·9	1014·3	- 0·3	301·6	303·6	18th	294·5	290·9	7th	298·1	*297·6*	-0·2	15	- 7
755	Port Blair	11 40	92 40	18·0	1011·0	1013·0	- 0·1	303·0	303·9	19,27,28	297·0	294·9	23rd	300·0	*299·5*	-0·2	18	- 5
756	Rangoon	16 46	96 48	5·5	1013·2	1013·9	+ 0·3	306·8	309·7	28th	293·1	290·6	21st	299·9	*298·7*	+0·6	11	+ 5
757	Saigon	10 47	106 42	11	1011·2	1012·4	+ 1·1	305·6	307·9	24th	295·0	293·1	8th	300·3	*299·6*	-0·4	0	- 3
758	Nhatrang	12 15	109 12	3·6	1013·2	1013·6	+ 0·2	301·0	303·2	28th	292·9	290·5	6th	297·0	*296·5*	-0·6	6	-22
759	Bolinao	16 23	119 53	2	..	1012·2	+ 0·6	303·9	307·0	25th,28th	293·8	291·7	9th,13th	298·9	*298·5*	-0·5	0	- 9
761	✱Vigan	17 34	120 23	12·2	..	1012·2	+ 0·2	302·7	304·4	18th	294·1	292·0	3rd	298·4	298·1	-0·6	0	- 6
761m	Manila	14 35	120 59	14·2	..	1012·5	+ 0·2	305·1	308·3	28th	293·6	290·1	2nd	299·3	*298·6*	+0·3	2	- 9
762	✱Ormoc	11 0	124 36	5·6	..	1010·8	+ 0·5	304·9	306·9	28th	294·8	292·1	8th	299·9	*299·5*	+1·1	59	-61
765	✱Guam, Ladrone Is.	13 24	144 38	18·6	..	1010·8	+ 0·7	302·7	304·6	21st	297·3	295·8	1st	300·0	*300·2*	+1·1	122	+55
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. **Height changed from 155 m. to 188 m. from February 2nd. ✱Change of normals, see pages 110 and 111.

FEBRUARY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	296·4	294·1	6,23,28	..	‡301·4	+0·6	35	-226
821	♯Cristobal (Colon)	9 23	79 54	11·0	..	1013·3	+ 1·0	303·0	304·1	1st	296·6	293·6	19th	299·8	299·3	+0·2	82	+41
822	Bogota	4 36	74 5	2645	746·7	..	..	291·9	296·1	12th	282·8	280·9	2nd	287·4	286·7	..	84	+24
822a	Merida, Venez.	8 36	71 9	1641	‡ 842·7	..	+ 0·5	295·2	296·8	11th	287·6	285·0	24th	291·4	290·6	-0·4	82	+38
823	Ciudad Bolivar	8 9	63 33	38	1008·5	1012·9	..	303·2	304·6	23rd	295·2	293·8	19th,21st	299·2	298·7	-0·7	43	+38
824	El Peru, Guayanavieja	7 19	61 49	220	986·8	1011·9	+ 0·7	300·3	301·9	5th,7th	293·6	291·4	22nd	296·9	296·4	-0·4	176	+107
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·5	- 0·8	301·9	303·6	23rd	297·0	294·7	22nd	299·4	298·9	+0·3	212	+97
826	Paramaribo	5 49	55 9	3·7	..	1012·6	- 0·6	302·5	304·8	5th	294·5	292·5	27th,28th	298·5	298·3	+0·2	140	-29
826a	Cayenne	4 56	52 21	6	..	..	..	302·2	303·0	5th	296·7	293·0	27th	299·5	298·6	+0·2	276	-36
										Sea Temp.								
831	10°-5°N. 30°-25°W.	††7 5	††27 3	§(97-106)	..	1013·6	+ 1·3	..	..	298·8	+0·4	..	..	..	298·7	+0·5	..	..
833	Konakri	9 31	13 43	16	1010·0	1011·8	+ 1·4	304·5	306·1	21st	295·2	293·0	2nd	299·9	301·1	-0·8	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·5	1011·3	+ 0·5	304·8	308·0	11th	296·6	294·7	25th	300·7	299·8	-0·2	0	- 8
835	Assuantsi	5 18	1 15	101	..	..	..	304·9	306·9	3rd	294·6	291·3	15th	299·8	299·1	+0·3	86	+19
836	Accra	5 33	W. 0 12	18·0	1007·8	1009·7	+ 0·1	303·4	308·0	8th	297·3	293·7	15th	300·3	299·8	0·0	98	+69
837	Lagos	6 27	E. 3 24	3·0	1007·5	1007·9	- 1·8	304·2	306·9	7th	296·8	294·7	26th	300·5	299·8	-0·6	60	+12
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	47	-31
839	Yola	9 12	12 30	259	..	..	..	310·4	311·3	7,12,22	293·3	289·1	17th	301·9	301·8	0·0	0	0
841	♯Wau	7 42	28 3	440	..	..	..	..	..	..	292·6	288·0	6th	..	300·3	+0·6	3	- 3
843	Malakal (Kodok)	9 35	31 37	394	964·8	1009·0	+ 0·8	309·9	315·4	9th	292·8	288·5	15th	301·4	300·0	+0·4	0	0
843a	♯Mongalla	5 11	31 47	448	957·6	1007·5	- 0·7	310·5	315·4	9th	292·9	289·0	15th	301·7	300·5	-0·1	30	+12
844	♯Entebbe	0 5	32 29	1171	883·0	1009·0	- 0·1	300·9	302·4	1st	289·7	285·8	15th	295·3	294·2	-0·3	175	+81
851	Minicoy	8 17	72 49	2·1	1012·5	1012·7	- 0·3	303·5	304·3	22nd	296·9	294·9	26th	300·2	299·7	..	15	- 2
851a	Cochin	9 58	76 21	2·7	1012·8	1013·1	0·0	303·6	305·3	9th	297·5	295·3	28th	300·6	300·1	-0·2	10	-10
852	Colombo Observatory	6 54	79 52	7·3	..	1010·9	+ 0·2	303·9	305·2	6th	295·7	294·0	17th	299·8	299·3	-0·1	93	+44
853	Nuwara Elija	6 58	80 46	1886	..	..	..	293·7	297·2	15th	282·1	275·0	20th	287·9	286·9	+0·8	81	+28
854	Trincomalee	8 35	81 15	30·2	..	1011·5	+ 0·2	303·2	304·8	15th	297·2	294·9	21st	300·2	299·7	+0·3	125	+71
855	Kuta Raja	5 32	95 20	7·1	..	1010·2	- 0·5	..	..	..	..	..	..	..	..	..	105	+13
856	Medan	3 35	98 41	25·0	..	1011·2	+ 0·6	303·6	305·6	12th	295·9	293·9	22nd	299·7	299·2	+0·8	35	-56
857	Penang	5 34	100 20	5·0	1009·4	1009·9	- 0·7	307·2	308·0	17th	295·2	294·1	28th	301·2	300·4	+0·5	102	+27
858	♯Singapore	1 18	103 51	10·9	1009·8	1011·0	+ 0·6	302·9	305·2	17th	296·2	294·1	3rd	299·6	299·1	-0·2	130	-38
859	Sandakan	5 50	118 7	31·7	..	..	..	303·8	304·7	sev. dates	297·3	296·3	24th	300·5	299·9	+0·7	224	-55
860	Iwahig	9 44	118 38	14·3	..	1011·0	+ 1·3	305·9	307·4	21st	..	..	..	..	299·2	+0·6	12	-40
861	Tagbilaran	9 38	123 51	21·3	..	1010·7	+ 0·4	303·6	306·5	23rd	295·6	293·8	2nd	299·6	298·9	+0·2	56	-26
861a	Menado	1 30	124 50	8·5	..	1010·2	+ 0·4	303·3	306·1	26th	296·1	294·8	11th	299·7	299·3	+0·6	343	-14
862	Surigao	9 48	125 29	6	..	1011·5	+ 1·0	301·3	303·8	23rd	296·7	295·2	10th	299·0	298·7	+0·2	370	+ 9
863	♯Kolonie, Yap	9 29	138 8	29·3	..	1009·5	+ 0·3	301·8	303·2	19th	297·7	294·7	14th	299·7	299·6	+0·2	331	+184
		N.	E.															

FEBRUARY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
924	Manaos	3 8	60 1	43·8	..	..	..	302·6	305·2	2nd	294·7	293·0	22nd	298·6	298·3	-1·0	379	+148
926	Taperinha	2 30	54 20	21·5	1009·2	1011·6	+ 0·2	302·8	305·6	1st	295·6	293·9	28th	299·2	298·2	+0·6	272	-24
927	Turyassu	1 43	45 26	9·1	1010·0	1011·1	+ 0·3	304·7	307·8	5th	294·9	293·1	25th	299·8	298·8	+0·1	371	+53
928	Barra do Corda	5 30	45 16	81·0	1000·3	1009·6	- 0·3	303·6	307·6	6th	295·1	293·7	4th,22nd	299·4	298·2	+0·2	255	+78
929	Quixeramobis	5 16	39 15	207	988·7	1011·9	+ 0·7	304·2	307·0	4th	297·6	295·0	25th,27th	300·9	300·5	-0·2	143	+55
930	Fernando Noronha	3 50	32 25	106	1000·2	1012·0	+ 0·4	302·1	302·6	5th,7th	296·6	294·4	22nd	299·4	298·7	+0·2	40	-61
										Sea Temp.								
930a	5°-10°S. 35°-30°W.	††7 26	††33 14	§(61-65)	..	1013·5	..	..	..	300·2	+0·1	..	..	..	300·2	..	..	..
930b	0°-5°S. 35°-30°W.	††2 52	††31 29	§(43-45)	..	1012·6	..	..	..	300·4	+0·6	..	..	..	299·6	..	..	..
934	♯Ascension Island	7 55	W. 14 24	16·8	1011·6	1013·4	- 0·1	303·3	304·1	1,19,28	296·7	295·2	5th	300·0	299·2	0·0	7	- 5
936	Loanda	8 49	E. 13 13	51	..	1010·5	- 0·3	302·5	304·0	10,18,20	297·1	295·3	13th,28th	299·8	299·4	+0·6	84	+51
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Mazaka	0 20	31 44	71280	..	..	..	301·0	303·0	9,10,25	289·6	288·6	sev. dates	295·3	295·5	+2·3	64	+ 2
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	303·0	305·8	11th	284·1	281·3	21st,26th	293·6	..	..	36	-15
944a	Zanzibar	6 10	39 11	17·1	1010·2	1012·2	- 0·3	304·5	306·7	16th	300·3	297·6	16th	302·4	301·9	+0·8	36	-20
945	Lamu	2 16	40 50	3·0	..	..	..	304·7	305·2	sev. dates	297·4	296·9	3,9,18	301·1	300·6	+0·7	0	- 3
947	Seychelles, Port Office	4 37	55 27	4·6	1010·7	1011·2	- 0·2	302·4	303·2	16th	297·8	296·2	7th	300·1	299·5	+0·3	15	-302
957	Padang	0 56	100 22	6·7	..	1010·9	+ 0·3	303·8	305·7	12th	296·2	295·1	4th	300·0	299·6	+0·1	232	-26
958	Batavia	6 11	106 50	8·0	1009·8	1010·7	+ 0·7	303·0	305·0	17th,20th	296·3	295·2	3rd	299·7	299·1	+0·6	204	-122
958a	♯Pontianak	0 1	109 20	2·6	..	1010·1	0·0	304·8	307·3	17th	295·6	294·4	20th	300·2	298·9	-0·5	590	+378
959	Pasuruan	7 38	112 55	5·0	..	1009·1	- 0·2	304·4	305·6	11th	297·1	296·2	28th	300·7	300·3	+1·0	174	-106
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	454	+ 7
962	♯Amboina	3 42	128 10	4·2	..	1009·4	+ 0·6	303·8	305·4	18th	297·3	295·8	26th	300·5	300·0	+0·1	91	-28
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	184	-65
965	♯Daru	9 4	143 13	7·6	..	1009·4	+ 0·4	304·0	..	..	297·7	..	..	300·8	300·4	+0·4	38	-259
966	♯Port Moresby	9 29	147 9	38·4	..	1009·1	+ 0·3	304·1	..	..	297·9	..	..	301·0	300·6	+0·5	28	-182
967	Rabaul	4 9	152 12	12·5	..	1008·7	+ 0·8	305·6	307·9	26th	296·2	294·6	15th	300·9	300·3	+0·4	401	+131
969	♯Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	‡304·6	..	..	296·8	..	..	‡300·7	‡300·4	-0·1	498	-161
970	Ocean Island	0 52	169 35	39·6	1006·5	1011·1	+ 1·3	305·7	306·3	sev. dates	298·7	298·0	13,17,19	302·2	301·6	+1·3	4	-218
		S.	E.															

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 111,112 and 113.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

FEBRUARY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	♯Apia, Samoa	13 48	171 46	2	..	1009·1	+ 0·8	301·3	304·0	4th	296·4	295·3	25th	298·8	299·2	-0·4	455	+67
1003	♯Alofi, Niue Island	19 2	169 55	27·4	..	1010·0	- 0·8	302·6	304·1	9,16,17	294·2	289·7	7th,8th	298·4	298·1	-1·5	535	+281
1022	Tacna	18 0	70 18	560	..	..	..	303·7	305·3	3rd	290·3	288·4	11th	297·0	296·7	+1·2	3	+ 2
1025	Corumba	18 59	57 39	116	995·6	1008·7	+ 1·2	307·4	310·0	26th	294·5	290·2	4th,6th	301·0	300·3	+0·5	52	-79
1026	Cuyaba	15 36	56 6	155	990·4	1009·1	0·0	305·5	308·1	7th	295·4	293·8	25th	300·4	298·8	+0·3	170	-41
1027	Bello Horizonte	19 55	43 57	895	913·6	1011·6	- 0·3	300·6	303·8	12th,23rd	290·9	287·6	7th	295·8	295·1	-0·1	262	+37
1028	Castite	14 3	42 37	897	915·4	1013·6	+ 0·9	299·9	302·9	26th	290·7	287·8	25th	295·3	294·5	-1·2	265	+165
1029	Ondina (Bahia)	13 0	38 31	46·6	1006·6	1011·9	- 0·5	302·5	306·6	27th	296·4	295·4	6,8,24	299·4	299·4	+0·3	158	+44
1030	Aracaju	10 55	37 3	6·1	1012·8	1013·6	+ 0·3	303·0	304·7	27th	296·9	293·8	15th	300·0	299·4	..	23	..
										Sea Temp.								
1030a	15°-20°S. 40°-35°W.				..	1015·1	..	..	..	300·3	+0·3	..	..	..	299·3	..	..	..
1030b	10°-15°S. 40°-35°W.	††17 35	††35 2	§(78)	..	1013·4	..	..	..	300·1	-0·1	..	..	..	300·2	..	..	..
1035	St. Helena	††13 0	††36 20	§(60)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1039	Mossamedes	15 57	W. 5 40	579	946·4	1012·8	+ 0·5	293·1	295·8	28th	288·7	287·4	26th	290·9	291·0	-0·9	40	..
1041	Livingstone	15 12	E. 12 9	12·5	..	..	..	..	300·4	sev. dates	..	284·4	10th	..	294·6	-1·6	..	..
1041a	Elisabethville	17 51	25 51	972	904·1	1008·9	..	304·3	307·6	3rd	291·5	287·8	11th	297·9	..	..	..	..
1042	Gwelo	11 39	27 28	1236	876·4	1008·4	+ 0·7	..	..	..	..	..	..	..	..	..	105	..
		19 26	30 2	1411	..	..	..	301·5	306·9	25th	288·1	284·7	10th	294·8	..	..	355	+112
1043	Salisbury (Dept. Agric.)															+0·6	130	- 6
1044	♯Zomba	17 48	31 5	1489	851·5	1009·7	- 0·6	298·3	301·9	20th	288·1	284·7	10th,11th	293·4	292·4	-0·2	134	-39
1045	Mossuril	15 23	35 18	955	904·8	1008·8	- 0·1	300·1	304·1	6th	..	..	..	..	‡294·8	-0·1	275	+ 4
1046	Antananarivo	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		18 55	47 33	1375	861·3	1007·7	- 1·1	298·8	301·2	18th,27th	288·9	286·0	16th	293·9	293·2	+0·3	335	+47
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·7	1013·3	+ 1·4	303·7	305·3	8th,9th	298·6	296·9	15th,22nd	301·1	300·7	+0·4	168	-21
1057	Christmas Island	10 25	105 43	5·5	1008·2	1008·9	+ 1·4	304·1	305·2	14,18,28	297·1	296·3	5,11,26	300·6	299·7	+0·2	133	-166
1061	Kupang	10 10	123 34	45·1	..	1010·6	+ 1·8	304·1	306·6	26th	296·6	295·0	12th	300·3	299·9	+0·5	250	-117
1061a	Derby	17 18	123 40	18·2	1007·1	1008·9	+ 1·3	307·8	312·7	9th	299·4	296·6	10th,21st	303·6	..	+0·6	119	-31
1062	Hall's Creek	18 13	127 46	373	966·9	1007·5	+ 0·4	308·8	311·6	7th	294·9	289·7	10th	301·9	301·5	-0·7	58	-62
1063	Darwin	12 28	130 51	29·6	1003·4	1006·9	+ 0·6	306·8	308·5	9th	299·4	296·9	20th	303·1	302·1	+1·5	87	-242
1064	Daly Waters	16 16	133 23	211	982·3	1005·7	+ 0·2	309·2	313·6	11th	296·4	293·0	8th	302·8	302·4	+0·2	109	-53
1065	♯Mein	13 13	142 47	122	992·9	1006·7	0·0	304·3	307·0	25th	295·3	293·3	27th	299·8	299·2	-0·5	337	+60
1066	♯Georgetown, Queensland	18 22	143 32	302	974·5	1008·4	+ 0·4	303·9	308·0	7th	295·2	292·7	27th	299·6	..	-1·1	156	-38
1066a	Willis Island	16 18	149 59	8·5	1006·2	1007·2	..	301·7	303·3	2nd	297·6	294·7	4th	299·7	300·1	..	476	..
1067	Samarai	10 37	150 40	6·1	..	1008·8	+ 0·8	304·4	..	..	297·7	..	..	301·1	300·8	+0·3	82	-123
1072	Suva, Fiji	18 8	178 26	6·1	1007·3	1008·0	+ 0·3	303·6	305·8	1st	296·7	294·7	3rd	300·1	299·8	+0·3	358	+86
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

FEBRUARY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·5	304·7	25th	295·6	290·2	7th	299·0	298·7	-0·1	175	-82
1121	♯Punta Tortuga, Coquimbo	29 56	71 21	27	1012·2	1015·4	+ 1·0	294·5	297·0	2nd	289·6	287·0	15th,16th	292·1	291·7	+1·6	0	0
1122	Iquique	20 12	70 11	9	1013·0	1014·0	+ 0·7	298·4	303·6	22nd	287·7	285·7	13th	293·1	294·5	+0·5	0	0
1123	♯Catamarca	28 27	65 47	510	950·6	1006·7	- 0·8	305·9	312·0	18th	292·9	290·0	3rd	299·4	299·7	+0·9	90	+33
1124	Salta	24 46	65 28	1182	881·9	1008·6	+ 1·1	301·9	305·3	18th	289·2	286·9	5th	295·5	295·2	+0·6	151	+ 5
1125	Goya	29 9	59 15	26	1007·0	1009·9	+ 1·1	308·9	313·0	19th	294·6	287·0	3rd	301·7	301·2	+2·9	53	-53
1127	Asuncion	25 17	57 41	93	1001·6	1012·3	+ 2·9	308·9	312·8	22nd	295·8	290·0	3rd	302·4	301·3	+1·5	122	- 3
1128	Curityba	25 25	49 17	908	912·4	1012·6	0·0	299·4	304·0	11th	288·5	280·5	4th	294·0	292·9	-0·2	105	-43
	Rio de Janeiro	22 54	43 10	18·3	1005·0	1007·1	- 4·6	300·9	305·4	21st	295·7	292·4	5th	298·3	298·3	-0·3	83	-31
										Sea Temp.							
1128a	25°-30°S. 50°-45°W.	††27 46	††48 4	§(53-58)	..	1014·6	..	..	..	298·2	0·0	..	..	..	298·0	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 30	††41 57	§(38)	..	1014·8	..	..	..	297·1	-0·9	..	..	..	298·5	..	..	..
1139	Windhoek	22 34	E. 17 5	1669	834·0	1006·8	..	302·1	305·3	12th	290·3	285·4	26th	296·2	295·7	+1·1	25	-56
1140	O'Okiep	29 36	W. 17 52	933	909·1	1010·6	- 0·4	303·8	311·2	14th	299·4	281·3	5th	296·6	296·1	+0·6	0	- 8
1141	Kimberley	28 42	24 47	1202	880·5	1008·3	- 0·5	305·7	310·2	22nd	290·1	285·8	7th	297·9	297·4	+1·1	21	-46
1141a	Johannesburg	26 11	28 4	1806	823·1	1012·1	- 0·2	298·2	303·8	11th	295·7	283·4	28th	297·0	297·1	+0·3	35	-98
1142	♯Bulawayo	20 9	28 35	1349	867·0	1011·0	- 0·2	300·1	304·7	20th	288·6	284·4	11th	294·3	293·8	0·0	96	- 5
1143	Durban	29 52	31 3	15·2	1012·7	1014·4	- 1·3	301·6	312·0	5th	294·5	292·0	4th	298·0	297·6	+0·4	182	+57
1144	Lourenço Marques	25 58	32 36	59	..	1013·1	0·0	303·9	311·0	5th	294·4	292·0	10th	299·1	298·6	+0·3	42	-128
1147	Mauritius	20 6	57 33	55·2	1002·1	1008·4	- 2·6	301·9	303·7	9th	296·0	292·9	21st	298·9	298·6	-0·2	252	+39
		S.	E.															

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 113 and 114.

FEBRUARY - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1006·1	1006·6	0·0	309·1	318·6	17th	295·2	293·6	8th	302·1	..	−0·7	4	−20
1160	Cue	27 27	117 52	454	960·1	1009·9	+ 1·7	309·4	315·4	7th	294·1	287·3	11th	301·8	..	−0·3	9	−10
1161	Nullagine	21 53	120 5	386	964·6	1006·8	+ 0·6	310·7	315·8	17th	296·3	291·3	25th	303·5	..	−0·6	133	+76
1162	Laverton	28 40	122 23	466	959·6	1011·1	+ 0·3	307·6	318·0	9th	292·5	284·7	24th	300·0	*299·8*	−0·3	41	+15
1163	Alice Springs	23 38	133 37	587	944·2	1008·2	+ 0·8	307·7	312·0	23rd	292·4	286·3	1st	300·0	*300·2*	−0·8	15	− 9
1164	William Creek	28 55	136 21	76·2	1002·8	1011·5	+ 0·9	308·4	314·5	19th	292·0	284·7	3rd	300·2	*299·9*	−1·1	2	− 3
1164a	♯Boulia	22 55	139 38	146	990·8	1007·2	+ 0·9	308·9	313·6	5th	296·2	291·4	4th	302·6	*302·8*	−0·5	42	−38
1165	♯Thargomindah	27 58	143 43	123	995·1	1008·9	+ 0·1	309·0	313·6	19th	295·2	285·8	4th	302·1	*301·8*	−0·3	0	−53
1166	♯Mitchell	26 32	147 52	336	972·7	1009·6	− 0·4	306·8	310·7	7th	292·1	284·9	24th	299·4	..	+0·9	28	
1167	♯Rockhampton	23 24	150 30	11·3	1009·1	1010·6	+ 0·4	304·4	308·0	25th,26th	295·0	290·8	23rd	299·7	..	+0·1	93	−106
1168	♯Brisbane	27 28	153 2	41·8	1008·3	1012·6	0·0	301·8	306·8	6th	293·3	290·6	1st	297·6	*296·9*	−0·1	136	−25
1170	♯Norfolk Island	29 4	167 59	15·2	1011·2	1013·1	− 0·2	298·5	301·8	22nd	292·3	288·9	11th,12th	295·4	*295·0*	+0·2	62	−75

FEBRUARY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	976·0	1016·0	..	295·2	298·0	20th	..	..	..	..	*290·8*	..	6	..
1221a	Punta Tumbes	36 37	73 6	120	1000·4	1014·7	+ 0·1	..	..	..	..	..	..	..	..	..	5	..
1222	♯Punta Angeles, Valparaiso	33 1	71 38	41	1010·6	1015·4	+ 1·2	295·8	299·4	15th	288·0	286·4	26th	291·9	*291·2*	+0·4	0	
1222a	Santiago	33 27	70 42	520	954·0	1013·0	+ 0·8	302·1	305·5	12th	286·2	284·4	11th	294·1	*293·0*	+1·1	1	
1223	Cordoba	31 25	64 12	423	962·0	1009·3	− 0·8	307·2	313·2	19th	289·7	283·3	2nd	298·5	297·9	+2·4	75	−36
1224	Bahia Blanca	38 45	62 15	25	1006·8	1009·8	− 2·7	306·4	312·3	6th	290·1	275·0	25th	298·3	*297·7*	+2·6	10	−42
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1008·6	1011·4	− 1·3	304·6	309·9	24th	292·7	282·3	2nd	298·7	298·0	+2·5	67	− 1
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1011·7	− 0·4	..	307·8	8th	..	288·8	3rd	..	*298·2*	+2·6	76	− 2
1226a	Porto Alegre	30 2	51 13	23·5	1009·1	1011·8	− 0·8	304·1	309·0	10th	293·1	286·5	4th	298·6	297·9	+0·3	88	+ 6
1226b	30°-35°S. 55°-50°W.	††33 0	††52 2	§(54-59)	..	1014·8	..	..	..	Sea Temp. 297·4	+1·9	..	..	..	297·5	..	..	..
			W.															
1239	Cape Town	33 56	E. 18 29	12·2	1012·2	1013·6	+ 0·6	300·1	311·4	21st	290·2	285·9	6th	295·2	*293·7*	+0·9	33	+32
1240	Danger Point	34 37	19 18	27·7	1011·6	1014·9	+ 1·9	293·9	296·9	9th,10th	288·3	284·1	4th	291·1	..	−0·7	38	+12
1241	Riversdale	34 6	21 16	61·0	..	..	..	301·4	309·7	15th	288·7	283·3	4th	295·1	..	0·0	18	−25
1242	East London	33 2	27 55	44·8	1008·8	1014·0	0·0	297·8	301·5	20th	290·5	287·7	6th	294·2	..	0·0	83	+24
1259	Perth (Observatory)	31 57	115 51	60·0	1007·0	1014·2	+ 0·9	301·3	310·8	27th	289·2	282·5	2nd	295·2	*294·6*	−1·2	4	− 7
1260	Katanning	33 42	117 35	310	979·2	1014·6	+ 0·5	302·1	311·6	15th	285·0	279·7	12th	293·6	..	−0·7	2	−11
1261	Coolgardie	30 57	121 10	423	965·1	1012·5	+ 0·1	305·1	317·0	8th	288·2	282·3	4th	296·7	*296·5*	−0·9	18	+ 4
1262	Eucla	31 45	128 58	4·6	1013·6	1014·3	+ 0·1	296·9	316·3	9th	289·1	283·0	2nd	293·0	*293·3*	−1·7	25	+ 8
1263	Streaky Bay	32 48	134 13	13·1	1013·1	1014·5	+ 0·2	300·8	311·9	11th	287·2	281·9	6th	294·0	*293·2*	−1·7	13	+ 6
1264	Adelaide	34 56	138 35	42·7	1009·5	1014·5	+ 0·3	300·5	314·8	11th	287·9	283·3	8th	294·2	*293·7*	−2·1	23	+ 8
1265	Melbourne	37 49	144 58	35·1	1009·2	1013·3	− 1·2	298·9	311·4	11th	286·9	282·6	8th	292·9	*292·5*	+0·1	19	−13
1266	Bourke	30 13	145 58	110	1000·7	1013·1	+ 0·5	309·2	315·8	18th	293·1	285·8	4th	301·1	..	−0·2	0	
1267	Sydney	33 51	151 13	42·1	1008·7	1013·4	− 0·5	298·3	309·4	5th	290·6	286·6	26th	294·4	*294·3*	−0·4	21	−86
1268	♯Lord Howe Island	31 20	159 0	4·6	1013·2	1013·9	− 0·7	298·5	300·8	18th	292·9	287·9	17th	295·7	..	0·0	75	−41
1271	Auckland	36 50	174 50	38·1	..	1012·1	− 3·1	296·3	299·1	8,14,20	289·2	283·6	23rd	292·8	..	+0·4	142	+65
1272	Napier	39 29	176 55	1·5	..	..	..	296·4	302·4	15th	286·0	279·1	24th	292·2	..	+1·0	25	−46

FEBRUARY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·9	1016·7	+ 0·5	288·8	291·5	7th	283·0	280·6	25th	285·9	*286·2*	+0·6	29	−35
1322	Punta Galera	40 1	73 44	40	1011·2	1016·0	− 0·2	290·0	292·8	27th	285·2	282·2	3rd	287·6	*288·0*	+1·2	32	− 2
1323	♯Sarmiento	45 34	69 0	272	976·4	1007·9	− 1·2	297·8	306·6	2nd	285·4	280·4	25th	291·6	*291·1*	+1·1	2	+ 1
1324	♯Puerto Madryn	42 49	W. 64 58	14	1007·6	1009·2	− 0·8	301·4	308·2	6th	285·0	281·2	sev. dates	293·2	*294·4*	+2·1	16	+ 1
1365	Launceston	41 27	E. 147 10	10·1	1009·5	1010·7	− 3·6	296·3	305·3	11th	284·0	279·0	9th	290·1	*288·8*	−1·3	63	+36
1366	Hobart	42 53	147 20	53·9	1003·6	1010·0	− 3·0	294·6	312·1	11th	283·9	279·0	27th	289·2	*287·9*	−0·6	76	+39
1370	Invercargill	46 25	168 21	3·7	..	..	..	292·2	302·4	14th	283·2	278·6	23rd	287·7	..	+0·8	88	+11
1371	Dunedin	45 52	170 31	6·1	..	1010·1	− 2·6	292·6	298·0	2,12,13	283·1	277·4	23rd	287·8	..	+0·6	81	+11
1371a	Christchurch	43 31	172 39	7·6	..	1009·8	− 3·7	295·2	304·8	7th	284·8	276·4	28th	290·0	..	+1·0	20	−24
1372	Wellington	41 16	174 46	3·0	..	1011·6	− 3·4	296·0	301·9	1st	287·1	281·2	28th	291·5	..	+1·5	46	−24

FEBRUARY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·7	1001·4	− 1·4	282·5	287·0	19th	279·0	276·2	15th	280·7	*281·3*	−0·4	320	+73
1422	Puerto de Punta Arenas	53 10	70 54	28	994·4	997·8	− 2·9	286·4	293·4	1st	279·9	276·2	15th	283·1	*282·6*	−0·9	38	+ 1
1423	♯Punta Dungeness	52 24	68 26	5	997·1	997·7	− 2·4	286·5	291·0	22nd	280·1	277·5	12th,13th	283·3	*283·7*	−0·8	12	− 2
1424	Santa Cruz	50 1	68 31	12	1000·1	1001·5	− 3·0	295·2	302·6	1st	282·1	275·9	13th	288·7	*287·9*	+0·7	1	− 1
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	997·1	− 3·8	286·2	290·2	7th	277·7	274·1	5th,28th	281·9	..	−0·5	36	−20
1426	Cape Pembroke	51 41	57 42	21·3	994·2	996·8	− 4·5	285·2	289·1	23rd,24th	278·5	274·1	16th	281·8	281·9	−0·7	..	+20
1429	♯S. Georgia (Cumberland Bay)	54 14	36 33	4	987·1	987·6	+ 1·8	280·1	287·1	24th	273·7	271·6	8th	276·9	*276·7*	−1·7	135	+80

FEBRUARY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	985·0	985·9	− 5·7	273·3	275·4	16th	270·8	267·9	8th	272·1	272·3	−1·0	33	−
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, MARCH 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. MARCH - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1024·8	1025·1	..	250·9	262·3	31st	240·7	227·5	18th	245·8	..	..	15	..
105	♯Barrow	71 23	156 17	7·0	..	1022·7	..	250·1	270·2	30th	239·9	229·1	18th	245·0	..	−1·1	1	− 2
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*248·1*	−3·6	..	..
131	Myggbukta	73 30	21 30	3·2	..	1014·5	..	..	..	..	..	..	..	..	*245·9*	..	1	..
132	Scoresbysund	70 29	21 58	16·9	1009·1	1011·4	..	258·2	270·4	25th	248·3	232·1	7th	253·3	*253·7*	..	40	..
136	♯Jan Mayen	70 59	W. 8 18	23·1	1003·0	1005·9	− 4·5	..	276·2	25th	266·6	259·9	11th	..	*269·1*	+0·4	17	−17
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1007·3	1008·7	− 0·8	..	274·4	27th	249·3	234·1	17th	..	254·3	−0·1	46	+18
140	Björnöen	74 28	19 17	40·5	1002·6	1007·9	+ 1·9	..	274·5	6th	261·4	241·4	18th	..	*264·7*	+0·1	44	+ 8
141	Ingöy	71 4	24 6	7·5	1006·0	1007·0	+ 0·1	..	276·0	27th	268·3	260·7	18th	..	*270·5*	+0·1	35	−19
142	Mehavn	71 1	27 47	10·2	1006·8	1008·1	+ 1·8	..	275·1	30th	265·8	258·9	18th	..	*268·6*	0·0	52	− 4
143	Vardo	70 22	31 6	11·8	1006·4	1007·9	+ 1·1	..	274·8	8th	266·1	258·7	18th	..	*268·5*	+0·2	38	−15
147	Malye Karmakouly	72 23	52 43	15·3	1006·6	1008·6	− 2·0	260·9	272·2	29th	253·3	241·5	20th	257·1	*256·9*	−0·7	1	−15
148	Waigatz	70 24	58 47	11·2	1007·8	1009·3	..	257·6	270·9	10th	248·7	235·3	1st	253·1	*253·3*	−3·3	3	− 2
153	Dickson	73 31	80 23	13·0	1011·2	1013·0	+ 2·5	..	..	..	243·4	232·1	16th	..	*247·5*	−2·3	..	..
152	Bouloune	70 45	127 47	35	1018·8	1023·8	..	..	..	..	237·4	221·2	3rd	..	*243·1*	−3·6	5	..

BETWEEN LATITUDE 70° N. AND 60° N. MARCH - ZONE 2.

		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	1022·3	1028·7	..	..	..	..	250·8	243·5	5th	..	*254·8*	..	5	..
203	Nome	64 30	165 24	6·7	1015·1	1015·9	+ 3·8	258·6	273·6	31st	248·1	239·7	4th	253·3	*253·3*	−7·0	0	−23
204	Candle	65 55	161 57	2·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204a	Bethel	64 45	161 47	11·6	..	..	..	?263·5	?276·9	31st	?250·3	..	..	?256·9	..	..	..	..
205	Tanana	65 10	152 6	69·5	1002·2	1011·2	− 3·3	261·0	273·0	31st	246·9	234·1	17th	253·9	*253·4*	−4·7	8	− 9
206	Rampart	65 30	150 15	114	..	..	..	258·7	274·7	20th	250·9	238·6	17th	254·8	..	−3·1	5	− 7
207	Valdez	61 7	146 16	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
208	Eagle	64 46	141 12	248	977·8	1010·1	− 4·2	264·3	277·4	19th	250·8	236·9	7th	257·5	*257·1*	−2·3	7	− 4
209	Dawson	64 4	139 29	324	967·8	1009·8	− 7·4	265·8	279·1	19th	254·1	243·0	14th	259·9	*259·5*	+2·2	8	− 5
210	Carcross	60 11	134 34	662	..	..	..	273·0	276·9	29th	259·8	247·4	17th	265·7	..	+3·2	10	− 3
210a	Mayo Landing	63 35	135 51	?579	945·7	1018·3	..	273·0	279·1	23rd	258·0	248·6	7th	265·5	*265·8*	..	0	..
211	Fort Good Hope	66 25	128 53	65·2	1012·1	1021·1	− 0·9	254·7	274·1	31st	245·2	231·3	11th	249·9	..	+0·1	28	+10
212	♯Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	181	991·9	1013·0	− 4·9	265·8	277·4	20th	254·7	237·4	31st	260·2	..	+4·8	19	+ 6
225	Jacobshavn	69 13	51 2	31·6	1002·0	1006·3	− 3·7	256·9	265·8	9th	251·1	243·2	1st	254·0	*254·7*	−2·1	2	−10
226	Godthaab	64 11	51 43	20·4	...	..	..	257·7	275·6	23rd	262·2	256·4	15th	264·9	*265·3*	0·0	10	−35
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	995·6	999·3	− 7·4	271·4	278·6	23rd	263·1	252·7	8th	267·3	*267·7*	+2·0	84	+22
231	Stykkisholm	65 5	22 46	25	..	997·6	− 8·3	277·9	282·3	14th	272·6	264·5	6th	275·3	*275·0*	+4·3	89	+39
232	Vestmanno	63 24	20 17	132	..	996·3	− 7·6	278·8	281·7	19th	274·9	268·8	8th	276·9	*276·7*	+2·9	103	−10
233	Grimsey	66 33	18 1	22·0	..	1000·6	− 6·4	275·0	280·1	14th	271·5	262·5	6th	273·3	*273·2*	+3·5	9	− 8
234	Teigarhorn	64 41	14 22	18·0	..	999·8	− 6·1	277·8	285·2	19th	272·9	265·5	6th	275·3	*275·2*	+3·5	149	+68
235	Hjälvig	62 3	6 45	22·3	998·0	1000·8	− 5·9	280·9	283·9	17th	276·8	273·1	11th	278·9	*279·1*	+3·0	109	−15
236	Lerwick	60 8	W. 1 11	18·0	..	1001·4	− 5·6	281·2	284·1	19th	277·8	274·1	14th	279·5	*279·4*	+2·8	103	+23
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1000·7	1006·2	− 3·2	281·4	285·7	22nd	276·1	272·4	12th	278·7	*278·6*	+2·9	75	−46
238	Aalesund	62 28	6 10	6·3	1005·5	1006·3	− 2·7	..	282·9	20th	275·1	272·0	11th	..	*278·1*	+2·6	16	−64
239	Trondhjem	63 26	10 25	37·0	‡1000·6	1008·0	− 0·8	279·2	283·3	20th	272·2	268·1	12th	275·7	*275·8*	+3·6	31	−27
241	Bodö	67 17	14 24	22·3	1004·6	1007·4	+ 0·6	..	278·0	15th	270·7	264·4	24th	..	*273·6*	+2·2	78	+20
242	Haparanda	65 50	24 9	9·2	1010·6	1011·8	+ 1·4	270·7	280·5	14th	262·5	250·0	25th,28th	266·6	*266·8*	+1·9	18	− 8
242a	Helsingfors	60 10	24 57	11·7	1010·7	1012·2	− 0·3	275·1	281·8	17th	270·6	263·7	24th	272·9	*272·8*	+3·7	52	+17
	Kuoplo	62 55	27 40	233	983·1	1012·6	0·0	272·5	278·2	17th	266·0	255·0	23rd	269·3	*269·2*	+2·1	46	+11
243	Kola	68 53	33 0	6·7	1008·8	1009·7	+ 1·4	268·8	275·3	9th	261·1	245·2	3rd	264·9	*265·5*	+0·4	19	+ 8
244	Petrozavodsk	61 47	34 23	79·0	1003·0	1013·1	− 1·7	272·3	277·0	18th	265·4	250·0	27th	268·9	*268·2*	+1·5	36	+ 5
245	Arkhangelsk	64 34	40 31	6·3	1010·7	1011·5	− 0·8	269·9	275·1	10th	262·2	245·1	26th	266·0	*266·0*	+0·8	34	+14
246	Mezen	65 50	44 16	14·9	1008·6	1010·5	− 0·2	267·1	274·7	9th	258·7	246·3	28th	262·9	*263·2*	−0·3	28	+19
247	Oust-Tsylma	65 25	52 18	68	1001·9	1010·9	− 2·9	263·7	274·0	11th	255·5	241·7	1st	259·6	*259·9*	−2·2	25	+ 9
248	♯Cherdyn	60 24	56 31	?208	987·8	1014·7	− 2·1	267·3	276·4	30th	259·7	249·6	19th	263·5	*263·4*	−1·5	20	− 8
249	Berezov	63 56	65 4	46	1009·1	1015·3	− 0·7	261·0	275·2	11th	250·4	233·7	3rd	255·7	*256·1*	−3·9	11	− 5
250	Obdorsk	66 31	66 36	35·2	1011·1	1015·9	− 1·1	255·7	272·0	11th	246·7	232·6	3rd	251·2	*252·6*	−3·2	12	+ 4
251	New Port	67 42	72 57	3·3	..	..	..	254·1	266·2	30th	243·5	231·8	4th	248·8	*248·6*	..	5	..
252	Sourgout	61 15	73 24	40	1009·9	1015·3	− 3·2	..	..	..	..	..	..	..	..	..	..	..
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	*255·5*	−4·4	29	+14
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	999·6	1022·2	..	259·2	271·8	21st,28th	243·2	228·2	2nd	251·2	*252·0*	..	2	..
268	Naiakhan	61 55	158 59	29·0	1015·2	1019·1	..	264·4	273·0	17th	258·8	245·0	6th	261·6	*261·6*	..	12	..
271	Novo Mariinskii Post	64 45	177 33	? 17	1023·9	1026·2	+ 6·9	..	271·0	30th	..	237·5	5th	..	*248·6*	−5·2	0	− 6
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulæ employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
♯Change of normals, see pages 105 and 106.

MARCH - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	274·9	278·6	30th	270·0	264·7	5th	272·5	..	..	112	..
302	St. Paul Island	57 15	170 10	12·2	..	1016·6	+10·8	265·2	275·2	23rd	260·5	253·0	19th	262·8	..	-6·8	5	-51
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1010·4	1010·8	+ 4·7	272·6	280·3	31st	267·4	261·9	19th	270·0	*269·9*	-3·9	86	-43
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	♯Dillingham	59 0	158 28	24·4	..	..	..	271·9	277·4	31st	255·8	245·2	7th	263·9	..	-3·6	15	-31
306	♯Kodiak (Radio)	57 47	152 22	4·6	999·3	1000·0	- 6·2	274·5	282·4	30th	267·8	259·7	6th	271·2	*270·9*	-2·6	‡ 75	-14
309	Sitka	57 3	135 19	19·8	..	..	..	279·4	288·0	31st	272·9	266·9	10th	276·2	..	+0·6	325	+182
310	Prince Rupert	54 18	130 18	51·8	1004·7	1011·1	- 1·3	279·7	287·4	31st	274·7	271·9	14th,15th	277·2	*277·2*	+0·7	268	+21
311	Barkerville	53 2	121 35	1274	864·4	1014·2	+ 0·5	274·1	279·1	29th,30th	264·1	255·2	9th	269·1	*269·1*	-0·4	80	+15
312	Kamloops	50 41	120 29	385	971·1	1018·1	- 0·3	282·5	286·9	30th	272·2	268·0	3rd	277·3	*277·6*	+0·9	3	- 5
313	Calgary	51 2	114 2	1045	891·3	1015·7	+ 0·2	278·0	285·8	12th,29th	263·6	254·1	10th	270·8	*270·5*	+1·5	22	+ 5
314	Fort Chipewyan	58 42	111 10	218	984·8	1012·9	- 5·1	267·3	274·7	21st,26th	258·7	248·0	23rd	263·0	*263·8*	+5·1	22	+ 6
315	Prince Albert	53 10	105 38	442	961·6	1017·3	+ 0·5	273·0	282·4	13th	261·9	247·4	19th	267·4	*267·3*	+4·3	37	+15
316	Qu'Appelle	50 30	103 47	645	936·5	1016·5	- 1·7	272·4	281·3	13th	263·0	247·4	19th	267·7	*267·7*	+3·5	45	+19
317	Minnedosa	50 15	99 50	515	953·7	1018·3	- 1·0	272·3	279·7	13th	262·1	249·8	1st,19th	267·2	*267·1*	+3·6	24	+ 7
318	Berens River	52 18	97 23	216	..	..	..	272·8	281·3	14th	256·9	245·8	2nd	264·9	..	+2·7	38	+16
318a	Port Nelson	57 0	92 51	14·9	1018·4	1020·3	+ 2·9	264·7	273·0	13th	254·7	238·6	21st	259·7	..	+5·3	3	-12
319	Pagwa	50 3	85 18	189	..	..	..	272·2	281·3	16th	257·7	238·6	25th	264·9	..	+3·8	64	+20
320	Moose Factory	51 14	80 30	9·1	1018·1	1019·3	+ 2·3	271·3	278·6	10th,14th	258·6	246·9	23rd	264·9	..	+4·0	23	- 6
322	Mistassini Post	50 15	73 55	383	..	..	..	?265·6	?276·3	7th,13th	?254·0	?231·9	21st	?259·8	..	+4·0	..	..
324	Natashquan	50 8	61 48	6·1	..	..	..	271·7	280·8	18th	255·5	240·2	23rd	263·6	..	+0·3	29	-20
326	Belle Isle	51 53	55 23	130	992·4	1009·6	- 0·5	270·8	275·2	9th,11th	257·9	249·1	22nd	264·4	..	+0·5	10	-74
331	55°-50°N. 30°-25°W.	††53 16	††28 10	§(15)	..	989·2	..	..	..	9th Sea Temp.	280·9	-1·4	..	..	..	..	..	..
333	53°-48°N. 20°-15°W.	††49 48	††17 18	§(29-34)	..	1010·9	..	..	..	..	284·3	+0·5	..	..	278·9	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	283·3	..	..	..
334	Cahiriveen (Valentia Obs.)	51 56	10 15	13·7	1002·1	1003·8	- 9·0	283·4	286·5	23rd	279·4	273·2	13th	281·4	281·5	+1·1	158	+47
335	Aberdeen	57 10	W. 2 6	28·0	999·1	1002·3	- 7·1	281·6	288·2	19th	276·9	272·3	8th	279·2	279·1	+1·8	54	- 6
336	Greenwich	51 28	0 0	46·3	..	1007·4	- 5·9	285·3	293·0	21st	277·1	271·9	18th	281·2	280·6	+2·1	55	+11
337	Uccle	50 48	E. 4 22	100	997·4	1009·6	- 5·0	285·6	293·6	21st	276·9	270·9	15th	281·2	280·2	+2·7	66	+ 5
338	De Bilt	52 6	5 11	3·0	1008·4	1008·8	- 4·4	284·1	292·9	22nd	275·9	270·3	16th	280·0	279·6	+2·0	52	+ 2
338a	Hamburg	53 33	9 58	40·3	1004·8	1009·7	- 3·1	284·1	290·9	22nd	276·9	271·5	15th	280·5	*280·0*	+3·6	64	+12
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1009·0	1009·6	- 2·7	281·2	289·9	22nd	275·5	271·9	14th,15th	278·3	*278·3*	+4·4	37	-17
340	Potsdam	52 23	13 4	84·9	1000·7	1011·1	- 2·2	284·8	294·1	22nd	276·7	270·6	15th	280·6	249·6	28th	265·1	265·2	-1·3	8	- 7
340a	Uppsala	59 51	17 38	24·	1007·9	1010·9	- 0·5	277·5	284·4	21st	271·7	267·5	25th	274·6	274·3	+3·6	39	- 9
341	Warsaw	52 13	21 3	89·9	1002·0	1013·1	- 2·1	282·6	289·6	22nd	275·1	271·6	15th	278·9	*278·4*	..	28	+ 5
342	Tartu (Ülikooli)	58 23	26 43	80·8	1003·0	1013·2	+ 0·1	276·5	281·5	16th	271·2	264·1	24th	273·9	273·6	+3·8	29	+ 5
343	Leningrad	59 56	30 16	4·8	‡1012·3	1013·4	+ 0·5	274·1	278·8	15th	268·7	257·8	24th	271·4	*271·2*	+2·4	47	+24
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	996·7	1018·0	+ 0·9	273·4	278·0	7th	265·8	254·4	28th	269·6	*269·5*	+0·8	14	-17
345	Saratov	51 32	46 2	127	1005·0	1021·8	+ 2·1	268·8	275·6	22nd	260·4	248·8	1st	264·6	*264·7*	-1·8	8	- 7
346	Kazan	55 47	49 8	79·9	1008·8	1019·2	- 1·3	269·6	276·1	8th	260·6	249·6	28th	265·1	*265·2*	-1·6	15	- 9
347	Orenburg	51 45	55 6	109	1007·9	1022·3	- 1·7	267·8	274·3	23rd	256·9	246·1	26th	262·3	*262·1*	-3·1	14	+10
348	Perm	58 1	56 16	163	995·9	1017·1	- 2·6	268·4	275·5	30th	259·6	250·2	27th	264·0	*263·6*	-2·3	39	+10
349	Sverdlovsk	56 50	60 38	281	980·3	1016·6	- 4·6	268·2	277·2	30th	258·5	249·2	10th	263·4	*263·3*	-2·3	25	+15
350	♯Tobolsk	58 12	68 14	108	1003·4	1017·7	- 2·6	..	..	..	255·7	244·3	4th	..	*260·3*	-3·7	20	+ 4
351	♯Akmolinsk	51 12	71 23	353	978·7	1025·6	- 2·1	263·2	273·5	23rd,25th	250·7	239·7	11th	257·0	*256·5*	-5·4	39	+26
352	♯Omsk	55 1	73 19	108	1007·1	1021·7	- 3·1	261·6	273·6	24th	251·7	240·3	5th	256·6	*256·2*	-5·0	5	- 3
353	Barnaoul	53 20	83 48	158	1004·8	1025·9	- 1·9	..	276·9	25th	252·0	233·7	6th	..	*258·2*	-4·5	54	+40
354	Tomsk	56 30	84 58	122	1007·8	1024·3	- 0·7	263·0	276·5	25th	250·8	231·2	5th	256·9	*257·1*	-5·3	19	- 5
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	276	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1009·5	1015·1	+ 1·1	266·6	276·5	31st	257·3	245·9	16th,17th	262·0	*262·3*	+2·3	..	..
366	Okhotsk	59 21	143 17	5·5	1015·5	1016·2	+ 0·3	267·5	273·8	21st	257·6	244·9	16th	262·6	*262·4*	+4·1	..	..
368	Pétropavlovsk (Phare)	52 53	158 43	87·1	996·3	1007·5	+ 0·8	..	..	..	267·8	260·9	10th	..	..	..	97	+ 9
369	Kluchevskoye	56 21	160 48	? 30	1008·6	1012·4	..	..	..	..	263·0	242·7	10th	..	*266·9*	..	37	..
370	Nikolskoe	55 12	165 59	6·8	?1009·2	?1010·1	..	272·9	276·1	30th	?269·1	?260·5	11th	?271·0	..	..	..	..
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 107.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

MARCH - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·5	1018·2	+ 2·3	282·5	286·2	29th	276·8	273·2	9th	279·7	279·2	+0·3	39	-23
412	Portland, Oregon	45 32	122 41	46·6	1014·3	1019·6	+ 2·6	285·4	293·0	29th	277·2	274·1	19th	281·3	*281·0*	+0·4	54	-68
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	278·2	288·6	31st	267·9	258·0	25th	273·1	*273·1*	+3·0	13	- 4
414a	Salt Lake City	46 34	112 4	1253	871·3	1015·6	- 0·3	280·4	289·1	13th	269·7	260·8	19th	275·1	*275·0*	+2·2	18	- 2
415	Cheyenne	40 46	111 54	1329	866·3	1015·6	- 0·1	282·5	290·8	27th	273·6	266·9	15th	278·0	*278·3*	-0·2	75	+23
416	North Platte	41 8	104 48	1856	809·3	1016·2	+ 0·1	277·7	288·0	28th	266·9	254·1	1st	272·3	*272·8*	-1·2	49	+26
416a	Bismarck	41 8	100 45	860	916·6	1017·9	+ 0·7	280·6	291·9	24th	269·8	256·3	21st	275·2	*275·3*	0·0	32	+11
417	Winnipeg	46 47	100 38	510	955·1	1017·3	- 0·7	278·1	291·3	14th	267·8	260·8	19th	272·9	*272·7*	+4·4	23	- 3
418	Duluth	49 53	97 7	232	988·3	1017·7	- 1·4	275·0	284·1	15th	266·2	252·3	2nd	270·6	*270·3*	+7·0	12	-17
419	Port Arthur	46 47	92 6	345	975·7	1018·3	+ 0·3	276·2	284·1	15th	268·3	259·7	1st	272·2	*272·6*	+3·6	37	- 3
420	Chicago	48 27	89 12	196	994·1	1018·9	+ 1·6	274·7	282·4	14th	266·3	251·9	1st	270·5	*270·3*	+4·9	30	+ 8
421	Toronto	41 47	87 35	205	993·7	1018·9	+ 2·0	281·9	294·7	15th	275·2	268·6	4th	278·6	*277·9*	+3·0	68	+ 2
422	♯New York (Central Park)	43 40	79 24	116	1005·1	1019·7	+ 2·4	278·2	286·9	11th	271·1	261·2	1st	274·7	274·4	+3·0	57	- 4
423	St. John, N.B.	40 47	73 58	47·4	1014·0	1019·9	+ 3·5	283·5	293·6	18th	274·7	265·2	3rd,4th	279·1	278·7	+2·3	34	-62
424	S.W. Point, Anticosti	45 17	66 4	36·3	1011·8	1016·4	+ 2·3	276·2	284·2	19th	268·6	261·1	23rd	272·4	272·3	+1·4	67	-48
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·3	1015·3	+ 1·0	276·8	280·2	8th,18th	271·3	266·3	23rd	273·6	*273·3*	+0·6	122	+ 9
425	Port aux Basques	47 35	59 10	9·1	1012·8	1014·0	+ 3·2	271·4	276·6	15th	265·6	259·4	24th	268·5	*268·5*	-0·1	103	-16
426	St. John's, Newfoundland	47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid																	
436	Nantes	40 24	3 41	667	941·2	1019·9	+ 2·9	286·3	292·5	31st	277·7	270·4	14th	282·0	*281·4*	+0·4	43	+ 7
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1006·9	1011·4	- 3·5	285·5	292·2	20th	278·9	273·0	15th	282·2	282·0	+1·8	87	+24
438	Marseille	48 49	E. 2 30	50·3	1005·3	1011·4	- 3·6	285·5	292·1	21st	277·9	272·7	16th	281·7	281·3	+2·0	65	+27
438a	Zürich	43 18	5 23	75	..	1014·1	+ 0·6	288·6	291·7	4th	279·2	275·5	21st	283·9	*282·9*	-0·1	102	+55
439	Rome	47 23	8 33	493	955·4	1014·5	- 1·3	284·0	291·8	21st	274·7	270·4	17th	279·3	278·6	+1·4	116	+41
440	Vienna	41 54	12 27	45·5	1009·3	1014·8	+ 1·6	289·3	292·0	26th	280·4	277·5	19th	284·8	*284·7*	+1·1	97	+24
440a	Budapest	48 15	16 22	203	988·6	1013·3	- 1·5	284·7	292·4	22nd	276·1	272·2	17th	280·4	280·2	+2·9	45	- 2
441	♯Sofia	47 31	19 1	130	997·8	1013·7	- 1·4	286·5	295·5	22nd,23rd	277·0	272·5	5th	281·7	281·5	+2·9	70	+24
442	Bucharest	42 42	23 20	550	950·8	1015·9	- 1·9	288·0	294·4	14th	275·8	270·8	18th	281·9	*281·3*	+3·2	13	-29
443	Odessa (Observatory)	44 25	26 6	82	1005·8	1015·9	- 0·1	287·0	296·4	24th	275·7	269·9	27th	281·3	280·9	+2·9	3	-39
444	Kharkiv (University)	46 28	30 46	42·8	1012·4	1017·7	+ 1·0	..	292·9	22nd	..	271·4	1st	..	*277·0*	+1·4	10	-17
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1013·6	1018·2	+ 1·6	284·0	292·5	24th	276·2	272·4	4th	280·1	*279·7*	+0·6	26	-25
446	Astrakhan	41 43	44 48	404	971·4	1020·0	+ 1·3	285·1	291·5	10th,29th	276·0	270·7	2nd	280·5	*280·2*	+0·5	17	-12
447	Fort Alexandrovsk	46 21	48 2	- 20·0	1023·2	1020·7	+ 0·2	275·4	284·0	23rd	267·9	262·1	4th	271·7	*271·6*	-1·9	25	+14
448	Krasnovodsk	44 31	50 7	- 23·0	1023·2	1020·6	+ 0·9	278·7	285·5	6th	271·9	268·0	30th	275·3	*274·9*	-0·5	16	+ 6
449	Kasalinsk	40 0	52 59	- 4·6	1020·3	1019·5	+ 1·1	284·4	291·0	25th	277·4	272·9	1st	280·9	*280·8*	-0·8	10	- 9
450	Tashkent																	
451	Narynskoe	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	261·5	250·6	12th	..	*266·0*
452	Alma Ata	41 20	69 18	478	963·4	1021·3	+ 1·0	284·9	297·5	25th	272·8	266·2	11th	278·9	*278·4*	-4·1	12	- 1
		41 26	76 13	2015	..	..	..	..	..	..	264·1	253·6	3rd	..	*270·7*	-2·3	48	-15
461	Moukden	43 16	76 53	841	921·9	1023·4	+ 0·1	277·0	290·8	26th	267·4	260·2	1st	272·2	*272·2*	+1·9	8	- 9
462	Joshin															-1·1	43	-12
463	Yuki	41 48	123 23	43·8	1016·4	1022·0	+ 0·9	276·9	289·7	28th	266·7	254·9	15th	271·8	271·6	-0·4	43	+24
464	Vladivostok	40 40	129 11	31·9	1016·0	1020·1	+ 1·8	277·9	290·9	28th	269·5	265·0	15th	273·7	273·4	-0·2	34	+13
465	Ochiai	42 20	130 24	63·8	1011·7	1019·8	+ 1·5	276·1	288·7	28th	267·5	261·2	3rd	271·8	271·8	+0·2	59	+36
466	Nemuro	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466a	Syena	47 20	142 47	27·4	1006·8	1012·3	- 0·4	272·8	279·9	30th	262·3	252·6	5th	267·5	267·8	+2·4	34	+ 3
		43 20	145 35	26·7	1010·1	1013·5	0·0	274·3	283·3	29th	268·2	262·3	1st	271·3	271·2	+0·7	53	- 2
		45 14	147 53	39·3	1007·1	1012·1	- 0·5	272·5	280·7	30th	264·7	256·3	5th	268·6	268·9	+0·5	65	+ 3
		° N.	° E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

MARCH - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30°N. 145°-140°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1012·8	1018·6	+ 0·4	288·9	297·4	23rd	281·8	279·7	15th	..	..	..	..	..
512	San Luis Obispo	35 18	120 39	61·3	1011·8	1019·3	+ 1·0	291·3	302·4	23rd	279·7	276·9	29th	285·5	285·3	*284·7*	+0·7	56	-24
512a	Sacramento	38 35	121 30	21·0	1015·9	1018·3	+ 1·2	289·4	299·1	23rd	280·2	275·8	16th	285·5	..	..	+0·3	53	-37
513	San Diego													264·8	*285·1*	-0·6	26	-45
514	Modena	32 43	117 10	26·5	1014·2	1017·3	+ 0·5	290·1	294·7	22nd	283·2	280·2	16th	286·7	286·4	+0·1	52	+14
515	Santa Fé	37 48	113 54	1868	831·3	1013·5	- 0·8	283·6	293·0	24th	270·1	265·2	21st	276·8	276·7	+0·3	38	+ 7
516	Denver	35 41	105 57	2138	784·6	1013·5	0·0	283·7	290·2	27th	270·8	260·8	20th	277·2	277·2	+0·1	19	- 1
517	Abilene	39 45	105 0	1613	834·6	1015·9	+ 0·3	281·2	291·9	28th	269·2	255·8	20th	275·2	275·5	-1·6	58	+34
518	Saint Louis	32 23	99 40	530	954·6	1016·2	+ 0·5	293·6	303·6	27th	280·1	268·6	2nd	286·8	286·4	+0·6	25	- 4
		38 38	90 12	173	997·6	1018·3	+ 1·2	286·1	296·9	16th	277·6	267·4	2nd	281·8	*281·4*	+2·0	195	+106
519	Mobile																	
520	Nashville	30 41	88 2	17·4	1017·7	1019·6	+ 1·5	293·5	299·1	28th	284·4	272·4	3rd	289·0	*288·6*	+0·6	159	- 5
521	Charleston	36 10	86 47	186	1000·1	1020·3	+ 1·8	288·3	298·0	20th	279·3	268·6	3rd	283·8	*283·9*	+1·1	‡ 5	+115
522	Washington	32 47	79 56	14·6	1018·6	1020·3	+ 1·8	291·8	299·7	19th	284·1	273·0	3rd	287·9	*288·1*	+0·7	75	-11
524	Bermuda	38 54	77 3	34·1	1015·7	1020·0	+ 2·2	286·6	299·7	18th	276·8	266·9	4th	281·7	*281·4*	+2·6	32	-65
		32 17	64 46	46·0	1014·7	1020·2	+ 2·5	294·4	296·8	22,23,24	286·2	280·3	5th	290·3	*290·2*	0·0	62	-59
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see pages 107 and 108.

MARCH - ZONE 5 (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1016·2	1020·8	- 1·4	290·6	295·1	29th	285·3	279·2	16th	287·9	*287·9*	+0·9	134	-20
531	Horta	38 32	28 38	65	1014·5	1022·3	+ 1·3	289·5	293·0	31st	285·8	280·3	15th	287·6	287·3	-0·1	85	- 4
532	Ponta Delgada	37 44	25 40	22	1020·8	1023·5	+ 2·9	289·6	293·0	31st	286·1	282·5	15th	287·9	287·9	+0·8	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	102	-14
533	Madeira (Funchal)	32 38	16 55	25	1022·4	1025·4	+ 6·5	291·3	293·0	3rd	287·0	285·4	13th	289·1	*289·2*	+0·8	0	-87
535	Lisbon	38 43	9 9	95	1010·6	1022·0	+ 6·0	288·4	292·6	20th	283·1	279·4	14th	285·7	285·7	+0·3	85	- 8
535a	Melilla	35 17	2 59	40	1018·9	1021·7	..	290·1	295·1	24th	285·0	280·4	14th	287·5	*287·5*	+0·7	13	-49
536	ǂGibraltar	36 6	5 21	16·2	..	1022·1	+ 4·9	290·2	293·6	22nd,31st	283·9	280·2	14th	287·1	*287·0*	-0·1	24	-96
536a	Colomb-Béchar	31 38	W. 2 4	769	930·3	1016·6	..	297·5	303·5	26th	281·1	277·6	19th	289·3	*289·1*	..	0	..
537	Palma	39 34	E. 2 39	23	1013·8	1016·6	+ 1·0	291·2	295·6	25th	280·6	275·0	15th	285·9	*285·3*	+0·2	15	-24
538	ǂAlgiers (Bouzaréah)	36 48	3 2	342	977·6	1018·0	+ 2·4	287·8	293·5	4th	282·3	278·8	7th	285·1	285·1	+0·6	33	-47
538a	ǂGadames	30 9	9 30	351	..	..	..	298·1	306·9	27th	282·0	276·1	14th	290·0	..	-0·2	3	+ 2
539	Tunis	36 48	10 10	75	1009·6	1018·7	..	290·7	299·6	27th	281·8	277·2	17th	286·2	*285·2*	+0·3	13	-36
539a	Malta	35 54	14 31	56·4	..	1015·9	+ 2·1	289·6	296·3	26th	285·2	282·8	30th	287·5	*286·7*	+0·6	31	- 7
540	Riposto	37 41	15 14	14·2	..	1016·7	+ 0·4	289·7	293·2	25th	282·7	280·0	20th	286·2	*286·7*	+0·8	14	-39
541	Athens	37 58	23 43	107	1003·0	1015·8	+ 1·5	291·0	296·1	23rd	283·6	279·3	17th	287·3	286·8	+2·4	47	+14
542	Alexandria	31 12	29 53	32·0	1013·2	1017·1	+ 1·7	293·1	297·4	11th	286·8	284·3	25th	290·0	*289·9*	+0·8	5	- 9
543	Ankara (Angora)	39 58	32 48	970	905·4	1017·3	+ 1·1	286·0	296·5	31st	275·8	268·2	18th	280·9	*281·1*	..	12	..
543a	ǂNicosia (P.W.D.)	35 9	33 22	159	996·7	1015·4	+ 0·9	292·6	301·3	30th	280·3	275·8	18th	286·4	..	+0·7	11	-24
544	Beirut	33 54	35 28	33·7	..	1017·1	+ 2·2	292·8	301·7	23rd	286·4	283·4	18th	289·6	*289·4*	+1·1	47	-51
545	Hinaidi	33 17	44 29	32·3	..	1016·0	+ 1·9	296·3	304·7	31st	279·5	275·2	21st	287·9	*288·5*	-1·4	1	- 8
546	Lenkoran	38 46	48 51	- 20·0	1022·4	1019·9	+ 1·0	..	290·8	28th	277·0	273·0	19th	..	*280·5*	+0·1	114	+33
547	Tehran	35 41	51 25	1220	..	..	..	288·7	294·3	29th	276·8	271·4	4th	282·7	*282·9*	+0·5	16	-24
548	Meshed	36 17	59 38	946	878·7	..	..	285·8	296·3	17th	273·3	266·3	1st	279·6	..	-1·2	34	-23
549	Seistan	31 0	61 30	610	..	..	..	295·0	305·0	27th	279·9	273·3	6th	287·4	..	-1·3	2	- 9
550	Quetta	30 11	67 3	1677	832·7	..	- 0·9	290·7	299·7	27th	274·1	269·0	7th	282·4	*282·6*	-1·2	14	-33
551	Peshawar	34 2	71 37	339	973·2	1013·0	- 2·4	297·1	303·8	28th	282·7	275·3	6th	289·9	*289·5*	-0·5	27	-30
551a	Lahore	31 34	74 20	214	985·3	1010·3	- 2·3	301·4	308·7	29th	284·8	278·6	2nd	293·1	*292·9*	-0·6	6	-25
552	Simla	31 7	77 8	2204	779·6	..	- 1·1	285·2	291·9	29th	278·7	271·5	6th	281·9	*282·1*	-1·2	44	- 1
552a	Leh	34 10	77 42	3503	662·9	..	- 2·0	279·2	285·2	28th	265·3	256·6	1st	272·2	*272·5*	-1·1	6	-24
559	ǂHankow	30 35	114 17	37·0	1016·2	1020·7	- 0·9	287·4	295·1	31st	278·3	272·4	15th	282·9	*282·8*	-0·6	61	-21
560	ǂTientsin	39 10	117 10	5·0	1021·4	1022·0	- 0·1	281·9	292·2	27th	272·6	263·5	14th	277·3	*277·3*	-0·5	20	+10
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1020·9	- 0·3	285·3	293·9	22nd	276·5	271·4	16th	280·9	280·2	-0·6	138	+51
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1012·9	1021·4	+ 0·8	280·8	289·0	31st	272·2	267·4	11th	276·5	276·0	+0·2	51	+107
562a	Nagasaki	32 44	129 52	133	1002·7	1018·9	0·0	286·5	294·8	31st	277·9	273·5	2nd	282·2	281·7	-0·4	239	+44
563	Kyoto	35 1	135 44	42·9	1013·9	1019·2	+ 1·4	285·5	297·3	31st	274·0	268·1	7th	279·7	279·1	-0·1	157	+98
564	Tokyo	35 41	139 46	5·8	1016·8	1017·5	+ 1·1	284·3	294·4	31st	274·5	268·4	1st	279·4	279·3	-0·6	207	+60
565	ǂHukusima	37 45	140 24	62·0	1009·7	1017·5	+ 1·0	281·5	292·9	30th	271·8	265·7	4th	276·7	276·3	-0·6	133	-21
566	Miyako	39 38	141 59	30·4	1012·3	1016·1	+ 0·5	281·1	293·8	29th	270·6	263·7	3rd	275·9	275·3	-0·3	77	
		N.	E.															

MARCH - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·2	1020·5	1021·3	+ 2·6	296·0	300·2	8th	288·7	285·2	30th	292·3	*291·8*	+0·2	15	-28
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	0·0	298·6	300·8	31st	293·0	289·1	23rd	295·8	*295·7*	+1·0	169	+96
613	Guaymas	27 55	110 53	8·3	1014·4	1015·5	..	297·9	303·6	23rd	287·8	284·0	15th	292·8	*292·6*	-1·9	1	..
615	Chihuahua	28 38	106 4	1423	858·5	1013·2	0·0	296·6	301·5	29th	278·6	271·0	13th	287·6	*287·9*	0·0	13	..
616	Leon	21 7	101 41	1809	820·5	1009·0	- 0·7	300·8	304·0	29th	282·8	278·1	13th	291·8	*291·6*	+0·3	2	..
616a	Monterry	25 40	100 18	528	952·4	1012·3	- 1·3	299·3	311·4	31st	286·9	278·2	3rd	293·1	*292·8*	+0·5	1	..
617	ǂTulsencingo	20 5	98 22	2181	789·9	1012·3	+ 0·7	299·5	303·0	6th,11th	280·0	275·4	4th	289·8	*287·7*	-0·3	15	..
618	Galveston	29 18	94 50	16·5	1016·7	1018·6	+ 1·5	292·8	296·3	29th	287·5	276·9	2nd	290·1	*289·9*	+0·3	24	..
618a	New Orleans	29 57	90 4	16·2	1017·6	1019·3	+ 2·0	294·9	301·3	31st	286·1	275·2	3rd	290·5	*290·1*	+0·2	203	..
619	ǂMerida, Yuc.	20 58	89 38	22	1013·5	1016·0	+ 0·8	304·1	307·0	28th	292·4	288·8	5th	298·2	*298·1*	+0·2	0	..
620	Havana	23 7	82 25	77·0	..	1018·0	+ 0·7	300·2	304·1	21st	291·4	284·0	5th	295·8	295·4	..	23	..
620a	Key West	24 33	81 48	6·7	1018·2	1018·9	+ 1·1	299·0	302·4	21st	293·1	285·8	4th	296·1	*295·5*	+0·4	21	..
621	Nassau, Bahamas	25 5	77 21	7·3	..	1018·6	+ 0·4	299·7	..	..	293·6	..	..	296·6	*296·4*	+0·8	7	..
622	ǂWatling Island	24 6	74 26	33·5	1015·8	1019·7	+ 1·3	..	303·0	2nd	..	291·3	3,4,6	..	*295·9*	-0·6	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	304·2	311·0	23rd	287·7	285·0	17th	295·9	*292·7*	..	..	..
634m	Izaña	28 19	16 30	2367	770·9	..	+ 5·3	295·8	299·6	25th	277·6	271·8	13th	281·8	*281·7*	+5·0	0	..
634	La Laguna	28 28	16 20	547	957·6	1021·5	+ 3·5	292·0	297·2	23rd	282·8	279·6	19th	287·4	*286·8*	+1·2	8	..
636	Adrar	27 38	W. 0 4	285	987·1	1020·1	..	302·6	310·4	17th	283·7	277·4	7th	293·1	*295·0*	..	0	..
638	Laperrine	22 38	E. 5 26	1350	..	..	..	300·0	304·0	17th	282·2	279·0	6th,7th	291·1	*292·9*	..	0	..
641	Gisrabub	29 45	24 31	49	..	..	..	297·8	301·5	30th	288·6	285·0	25th	293·2	*292·6*	..	0	..
642	Siwa	29 12	25 29	- 23	1020·3	1017·5	..	298·4	303·4	12th	281·9	277·5	7th	290·2	..	..	0	..
643	ǂCairo (Helwan)	29 52	31 20	116	1002·6	1016·3	+ 0·9	297·2	303·6	29th	283·9	281·1	25th	290·6	*290·4*	+0·3	0	..
643a	Aswan	24 2	32 53	100	1002·4	1013·9	+ 0·2	305·1	310·2	21st	286·3	282·3	1st,2nd	295·7	*295·0*	+0·9	..	..
644	Tor	28 14	33 37	1·9	1013·1	1013·4	- 0·2	297·4	301·9	17th	285·1	280·2	3rd	291·2	*291·4*	+0·3	0	..
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
ǂChange of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. MARCH - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	..	..	..	294·9	301·2	31st	287·9	284·7	23rd	291·4	*290·8*	-0·2	2	-22
648	Jask	25 45	57 45	4·0	..	..	..	300·5	305·5	28th	292·2	288·9	6th	296·3	*295·7*	+0·5	0	-20
649	Karachi	24 53	66 57	4·0	1011·8	1012·4	- 0·9	299·2	304·4	25th	292·2	286·9	7th	295·7	*295·1*	-0·8	0	- 8
650	Jacobabad	28 17	68 29	56·7	1004·5	1011·0	- 1·3	306·2	314·4	29th	288·3	280·5	7th	297·3	*296·8*	+0·3	0	- 6
651	Jaipur	26 56	75 52	436	962·2	1011·7	- 1·3	304·1	311·2	23rd	287·1	280·9	1st	295·6	*295·6*	-1·2	0	- 9
652	Nagpur	21 8	79 5	310	976·0	1011·0	- 1·1	308·5	313·3	30th	291·3	285·1	1st	299·9	*299·5*	-1·1	19	+ 6
653	Allahabad	25 25	81 51	94·2	999·4	1010·3	- 1·7	304·9	312·9	24th	288·1	283·3	4th	296·5	*296·1*	-1·4	20	+12
653a	Darjeeling	27 3	88 15	2265	773·6	..	- 1·9	284·3	291·1	26th	277·8	272·2	2nd	281·1	*281·3*	-1·4	63	+16
654	Calcutta	22 36	88 23	6·4	1010·0	1010·8	- 0·9	305·5	309·9	31st	292·4	285·2	1st	298·9	*298·8*	-0·5	4	-33
655	Gauhati	26 8	91 41	59·7	1005·3	1012·3	- 0·7	300·7	305·1	19th	286·9	280·2	1st	293·8	*292·9*	-1·6	80	+22
655a	Cherrapunji	25 15	91 42	1313	867·9	..	- 1·5	291·6	295·5	26th	283·9	278·7	2nd	287·8	*287·1*	-1·3	42	-196
656	Mandalay	20 11	92 56	6·1	1010·3	1011·0	- 1·4	302·7	308·2	24th	291·4	286·1	2nd,4th	297·1	*297·2*	-1·7	4	- 8
656a	Tengyueh	21 59	96 0	76·2	1001·9	1010·7	- 1·1	308·3	312·3	27th	290·9	285·4	4th	299·6	*299·3*	-1·7	0	- 5
657	Phu Lien	25 2	98 33	1626	834·4	1010·5	..	292·3	296·9	..	277·2	271·3	..	284·7	*284·3*	-1·4	23	-17
658	Moncay	20 48	106 38	116	1000·0	1013·8	- 0·4	292·4	297·8	31st	288·0	283·0	3rd	290·2	*290·0*	-2·0	30	-15
659	Hongkong	21 31	107 51	9·0	1013·1	1014·2	- 0·6	292·6	300·7	31st	287·2	281·2	2nd	289·9	*289·9*	-2·0	56	-18
661	ǂTaihoku, Formosa	22 18	114 10	33·2	..	1015·0	- 1·0	290·6	297·8	13th	286·9	281·4	3rd	288·7	288·6	-1·7	115	+40
661a	ǂBasco	25 2	121 31	9·3	1016·1	1017·2	- 0·5	292·7	302·1	8th	285·8	280·0	5th	289·2	288·9	-1·1	387	+214
662	Naha	20 28	121 59	18·7	..	1013·0	- 0·6	299·6	303·6	30th	294·5	291·3	6th	297·1	296·8	-0·1	31	-82
665	ǂTitizima (Bonin Islands)	26 13	127 41	8·2	1015·6	1016·6	- 0·8	293·5	297·0	12th	286·9	280·6	6th	290·2	290·2	-0·7	206	+51
		27 5 N.	142 11 E.	4·1	1016·4	1016·9	- 0·1	293·7	297·1	15th	287·8	281·0	11th	290·7	290·8	-0·5	92	-18

BETWEEN LATITUDE 20° N. AND 10° N. MARCH - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	957·1	1013·1	+ 0·9	305·3	308·3	27th	288·7	285·7	9th	297·0	*295·4*	-1·0	0	0
716	Morelia	19 42	101 7	1923	809·9	1009·7	+ 0·1	297·6	299·7	22nd	283·3	278·6	7th	290·4	*290·5*	+0·1	8	- 3
717	ǂMexico, Tacubaya	19 24	99 12	2309	774·9	..	+ 0·6	299·6	302·z	8th,21st	279·5	277·0	14th	289·5	288·7	+0·4	20	+10
718	ǂSalina Cruz	16 12	95 12	56	1005·8	1012·2	- 0·2	303·2	308·5	29th	296·0	293·8	22nd	299·6	*299·6*	+0·3	0	- 9
719	San Salvador	13 42	89 13	682	938·0	1013·3	+ 0·9	308·7	311·0	29th	289·1	283·4	5th	298·9	*297·3*	+0·6	0	-13
720	ǂBelize	17 31	88 11	5·2	1015·8	1016·3	+ 1·3	..	..	..	295·1	288·6	4th	..	‡*298·7*	+0·6	69	+37
721	ǂJamaica (Negril Pt.)	18 15	78 23	10·1	..	1016·0	+ 1·2	303·4	306·2	18th	293·7	290·9	30th	298·6	*298·2*	+0·8	3	-68
722	Port au Prince	18 33	72 20	37·4	1011·9	1016·2	+ 0·6	303·7	305·8	31st	294·3	291·9	8th	299·0	*298·7*	+0·3	64	-30
723	Caracas	10 30	66 56	1042	899·8	1014·2	+ 0·7	298·3	301·0	20th	288·1	285·0	5th	293·2	*292·5*	+0·7	30	+15
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·3	1016·2	- 0·2	299·6	302·4	23rd	294·2	291·9	10th	296·9	*296·8*	-0·1	238	+158
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·0	1013·6	+ 0·1	302·0	303·0	sev. dates	296·1	294·1	8th	299·1	*298·6*	+0·7	106	+38
725	ǂBarbados	13 8	59 36	55·2	..	1014·9	+ 0·2	302·4	303·3	3rd,13th	294·8	291·9	11th	298·6	*298·3*	+0·5	96	+48
731	Sao Vicente, C. Verde Is.	16 54	25 4	11	1012·3	1013·5	- 1·1	294·9	297·5	25th,26th	290·2	289·5	1st,17th	292·6	*293·6*	-0·8	0	- 1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·2	1014·0	- 0·6	300·4	304·0	24th	293·9	292·0	8th	297·1	*297·0*	+1·6	0	- 2
733	Dakar	14 40	17 26	32	1006·7	1010·4	..	304·6	315·8	24th	290·9	289·0	14th	297·7	*295·2*	+2·6	..	..
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	300·8	310·8	2nd	290·8	289·7	13th	295·8	*295·4*	-1·5	0	..
735	Médébalé	12 57	7 26	300	..	..	..	312·2	314·0	27th	287·4	283·8	3rd	299·8	*299·9*	..	..	..
736	Timouktu	16 43	W. 3 2	270	..	..	..	310·1	314·1	24th	290·4	286·3	4th	300·3	‡*300·1*	-0·8	..	..
737	ǂSokoto	13 2	E. 5 14	353	..	..	..	312·1	316·3	29,30,31	292·7	290·8	24th	302·4	*302·2*	-1·1	0	- 3
738	Kaduna Capital	10 32	7 25	7637	..	..	..	307·4	310·2	28th	..	..	..	..	‡*299·4*	-0·3	0	-14
739	Hadejia	12 40	10 5	?	..	..	..	310·6	315·2	30th	..	..	..	..	‡*302·2*	-0·9	0	0
740	ǂMaiduguri	11 47	13 11	361	..	..	..	311·8	319·1	30th	290·9	288·0	9th	301·3	*301·0*	-1·3	0	0
741	El Fasher	13 32	25 18	730	928·0	1008·3	..	308·7	313·0	22nd,31st	286·8	282·5	3rd	297·8	*296·8*	..	0	0
743	El Obeid	13 11	30 14	563	946·4	1009·1	- 0·6	309·0	313·9	31st	289·4	283·1	7th	299·2	*298·0*	+0·4	0	- 2
743a	ǂKhartoum	15 37	32 33	390	965·2	1009·0	+ 0·5	309·2	315·0	23rd	291·8	284·4	1st	300·5	*300·7*	+0·3	0	0
744	Port Sudan	19 37	37 13	5·5	1011·1	1011·8	- 0·2	301·8	303·9	30th	293·0	287·4	3rd	297·4	*297·0*	+0·2	0	- 1
745	ǂBerbera, Somaliland	10 22	45 2	13·8	1010·3	1011·9	- 0·7	302·1	303·0	22,28,31	295·1	291·3	12th	298·6	*298·4*	-0·7	0	-16
746	Aden	12 45	45 3	28·7	1009·8	1013·1	- 0·2	303·3	306·3	24th	296·0	294·2	16th,20th	299·7	*299·0*	+0·3	0	-12
751	Bombay	18 54	72 49	11·3	1009·4	1010·8	- 2·1	303·2	307·6	9th	295·4	292·7	7th	299·3	298·4	-0·1	1	- 1
752	Kodaikanal	10 14	77 28	2343	771·5	..	- 0·7	293·2	297·0	27th	284·1	282·0	14th	288·6	*288·0*	+0·5	33	-19
752a	Bangalore	12 59	77 38	921	910·3	1009·3	- 1·2	307·2	309·8	22nd	293·3	290·4	4th	300·3	*299·7*	+1·9	0	-13
753	Madras	13 4	80 14	6·7	1010·0	1010·8	- 1·7	305·6	307·6	22nd,29th	296·8	294·2	3rd	301·2	*300·3*	+0·9	0	- 5
754	Vizagapatam	17 42	83 19	11·6	1009·8	1011·0	- 1·3	303·6	307·8	18th	298·2	295·4	6th	300·9	*300·0*	+0·1	40	+33
755	Port Blair	11 40	92 40	18·0	1008·3	1010·3	- 1·8	304·2	305·7	18th	297·8	295·4	4th	301·0	*300·1*	-0·3	18	- 1
756	Rangoon	16 46	95 48	5·5	1010·1	1010·8	- 1·5	308·7	310·8	27th	294·4	290·2	3rd	301·5	*300·0*	-0·2	0	- 8
757	Saigon	10 47	106 42	11	1008·2	1009·4	- 1·0	306·5	307·9	3,9,22	297·1	295·0	6th,7th	301·8	*301·2*	+0·1	7	-11
758	Nhatrang	12 15	109 12	3·6	1010·3	1010·7	- 1·4	302·6	304·0	10th	295·5	293·2	8th	299·1	*298·6*	+0·2	7	-55
759	Bolinao	16 23	119 53	2	..	1009·8	- 1·0	305·9	?310·0	30th	296·1	291·0	11th	301·0	*300·4*	+0·2	1	-12
761	ǂVigan	17 34	120 23	12·2	..	1009·8	- 1·4	304·2	306·6	22nd	296·2	293·2	10th	300·2	300·0	0·0	0	- 8
761a	Manilla	14 35	120 59	14·2	..	1010·3	- 1·0	306·8	309·3	30th	294·9	291·8	16th	300·9	299·9	+0·4	13	- 5
762	ǂOrmoc	11 0	124 36	5·6	..	1008·7	- 1·2	305·6	306·6	5th	295·1	293·4	14th	300·3	*300·2*	+1·2	158	+59
765	ǂGuam, Ladrone Is.	13 24	144 38	18·6	..	1010·1	+ 0·2	303·8	304·8	11th,28th	298·1	296·3	15th	300·9	*300·7*	+1·1	42	-40
		N. °	E. °	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111.
ǂChange of normals, see pages 110 and 111.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.									Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Total.	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	296·8	294·1	8th	..	*300·1*	-1·0	140	-133
821	∮Oristobal (Colon)	9 23	79 54	11·0	..	1012·4	+ 0·4	303·9	304·7	30th	298·2	295·8	1st	301·1	300·4	+1·3	32	- 8
822	Bogota	4 36	74 5	2645	746·6	..	..	292·8	295·2	13th	282·7	279·0	6th	287·7	*287·0*	..	67	-36
822a	Merida, Venez.	8 36	71 9	1641	‡ 842·3	..	+ 0·5	296·5	299·2	25th	287·5	286·0	8th	292·0	*290·9*	-0·2	151	+58
823	Ciudad Bolivar	8 9	63 33	38	1007·5	1011·8	..	306·2	308·4	29th	295·8	294·5	8th,11th	301·0	*300·3*	+0·1	5	0
824	El Peru, Guayanavieja	7 19	61 49	220	986·5	1011·5	+ 0·5	302·5	304·0	29th	294·4	293·6	10,11,16	298·4	*297·8*	+0·3	27	-85
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·9	+ 0·1	302·4	302·7	sev. dates	297·3	295·8	14th	299·9	*299·6*	+0·5	47	-139
826	Paramaribo	5 49	55 9	3·7	..	1012·8	- 0·1	303·7	305·1	23rd	294·8	293·0	6th,7th	299·3	*299·6*	+0·9	78	-130
826a	Cayenne	4 56	52 21	6	..	..	..	302·3	304·5	9th	296·7	292·5	13th	299·5	*298·4*	+0·1	273	-129
831	10°-5°N. 30°-25°W.	††7 6	††27 3	§(144-147)	..	1013·1	+ 1·2	..	..	Sea Temp. 298·6 | -0·1	..	..	..	..	298·5	0·0	..	..
833	Konakri	9 31	13 43	16	1010·3	1012·1	+ 2·0	304·9	305·8	31st	295·6	294·2	1st	300·3	*301·8*	-1·2	..	-51
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·6	1011·5	+ 0·8	304·6	305·8	9,11,17	296·9	295·2	25th	300·8	*299·9*	-0·2	6	-13
835	Assuantsi	5 18	1 15	101	..	..	..	304·7	306·3	12,13,17	294·8	293·0	3rd	299·7	*299·1*	-0·1	81	0
836	Accra	5 33	W. 0 12	16·0	1007·7	1009·5	+ 0·2	303·6	306·2	19th	297·4	294·6	7th	300·5	*300·1*	-0·2	48	
837	Lagos	6 27	E. 3 24	3·0	1007·3	1007·6	- 1·3	304·3	304·8	17th	296·7	293·6	3rd	300·5	*300·2*	-1·1	71	-84
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	125	-84
839	Yola	9 12	12 30	259	..	..	..	312·0	314·7	20th,23rd	296·5	291·3	1st,13th	304·3	*304·0*	-0·1	0	- 7
841	∮Wau	7 42	28 3	440	..	..	..	..	..	..	292·5	287·0	3rd	..	*300·6*	-0·7	43	+17
843	Malakal (Kodok)	9 35	31 37	394	964·4	1007·9	+ 1·1	311·5	315·1	29th	293·1	288·0	3rd	302·3	*301·7*	-0·5	4	- 1
843a	∮Mongalla	5 11	31 47	448	957·8	1008·0	+ 0·2	308·2	313·4	15th	293·8	289·3	7th	301·0	*299·4*	-1·7	75	+36
844	∮Entebbe	0 5	32 29	1171	886·3	1012·6	+ 3·1	300·3	300·8	sev. dates	290·6	288·6	1,2,9	295·4	*294·6*	-0·2	59	-80
851	Miniscy	8 17	72 49	2·1	1009·8	1010·0	- 2·1	303·9	305·3	29th	298·3	295·8	11th	301·1	*300·2*	..	41	+14
851a	Cochin	9 58	76 21	2·7	1010·1	1010·5	- 1·6	304·2	306·0	20th	299·1	297·0	10th	301·7	*300·8*	-0·3	38	-11
852	Colombo Observatory	6 54	79 52	7·3	..	1008·4	- 1·6	303·9	305·2	27th	296·4	294·8	4th	300·2	*299·3*	-0·5	150	+41
853	Nuwara Kliya	6 58	80 46	1886	..	..	..	294·3	297·2	25th	283·5	278·1	30th	288·9	*287·8*	+1·0	153	+67
854	Trincomalee	8 35	81 15	30·2	..	1008·7	- 1·3	304·1	307·4	27th	297·4	293·4	4th	300·8	*299·9*	-0·5	187	+140
855	Kuta Raja	5 32	95 20	7·1	..	1008·2	- 2·4	..	..	..	..	..	..	..	..	..	144	+51
856	Medan	3 35	98 41	25·0	..	1008·5	- 1·7	304·6	306·7	20th	296·1	294·4	31st	300·3	299·6	+0·8	99	- 8
857	Penang	5 34	100 20	5·0	1009·0	1009·5	- 0·8	306·6	308·6	21st	295·8	294·7	7th	301·2	*300·5*	-0·1	214	+96
858	∮Singapore	1 18	103 51	10·9	1007·2	1008·4	- 1·5	304·3	306·3	14th,17th	296·3	295·3	7th	300·6	*300·1*	+0·3	307	+132
859	Sandakan	5 50	118 7	31·7	..	..	..	303·8	304·7	4,16,30	297·5	296·3	11th	300·7	*299·9*	+0·5	162	-51
860	Iwahig	9 44	118 38	14·3	..	1008·6	- 0·9	306·2	307·5	26th	..	..	..	..	*300·0*	+0·6	71	+58
861	Tagbilaran	9 38	123 51	21·3	..	1008·5	- 1·5	304·8	306·5	7th	296·0	294·3	7th	300·4	299·8	+0·6	69	-15
861a	Menado	1 30	124 50	8·5	..	1008·0	- 1·8	301·6	303·5	14th	296·4	294·6	14th	299·0	298·5	-0·2	640	+335
862	Surigao	9 48	125 29	6	..	1009·4	- 1·0	302·4	303·8	26th	296·9	295·6	14th	299·7	299·5	+0·6	285	+42
863	∮Kolonie, Yap	9 29	138 8	29·3	..	1009·1	0·0	302·6	304·8	15th	298·4	296·0	12th	300·5	300·3	+0·6	90	-35
		N.	E.															

924	Manaos	3 8	60 1	43·8	..	..	..	302·5	306·4	5th	294·9	293·2	1st	298·7	*298·4*	-0·9	322	+61
926	Taperinha	2 30	54 20	21·5	1009·4	1011·6	+ 0·4	302·7	304·4	25th	295·9	294·9	2nd	299·3	*298·4*	+0·6	317	+15
927	Turyassu	1 43	45 25	9·1	1010·0	1011·1	+ 0·4	303·8	306·3	30th	294·5	293·5	4th	299·2	*298·3*	-0·1	475	+43
928	Barra do Corda	5 30	45 16	81·0	1000·0	1009·4	- 0·5	304·2	306·4	18th	294·9	293·5	30th	299·6	*298·4*	+0·3	86	-85
929	Quixeramobim	5 16	39 15	207	988·8	1012·2	+ 0·8	302·8	305·4	20th	296·6	295·0	8th	299·7	*299·4*	-0·6	203	+57
930	Fernando Noronha	3 50	32 25	106	999·9	1011·8	+ 0·2	301·9	302·8	sev. dates	296·3	294·5	5th	299·1	*299·0*	0·0	0	-138
930a	5°-10°S. 35°-30°W.	††7 15	††33 31	§(48)	..	1013·5	..	..	..	Sea Temp. 301·0 | +0·6	..	..	..	..	300·4	..	..	..
930b	0°-5°S. 35°-30°W.	††3 5	††31 20	§(26-29)	..	1012·4	..	..	..	300·6 | +0·3	..	..	..	..	300·2	..	..	..
934	∮Ascension Island	7 55	W. 14 24	16·8	1011·5	1013·3	+ 0·5	303·4	305·2	16th	297·4	295·8	5th,9th	300·4	*299·7*	-0·1	17	+ 1
939	Loanda	8 49	E. 13 13	51	..	1011·4	+ 1·2	302·7	303·8	25th	297·0	295·5	1st,20th	299·9	299·4	+0·3	86	+52
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	1.	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	299·8	303·6	8th,9th	290·2	288·6	1st	295·0	*294·9*	+1·8	82	-20
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	300·8	304·1	4th	286·9	284·7	1,4,5	293·8	..	..	170	+15
944a	Zanzibar	6 10	39 11	17·1	1009·9	1011·8	- 0·5	302·9	305·3	2nd	298·6	295·0	13th	300·7	*300·1*	-0·7	289	+136
945	Lamu	2 16	40 50	3·0	..	..	..	304·7	305·2	sev. dates	299·1	297·4	12,16,17	301·9	*301·5*	+0·9	23	+ 1
947	Seychelles, Port Office	4 37	55 27	4·6	1008·9	1009·4	- 1·2	302·7	304·9	31st	298·8	296·7	30th	300·7	*300·2*	+1·2	42	-186
957	Padang	0 56	100 22	6·7	..	1008·8	- 1·8	304·0	306·7	13th	296·4	294·8	8th	300·2	299·7	+0·2	578	+271
958	Batavia	6 11	106 50	8·0	1007·3	1008·2	- 1·6	303·2	304·6	7th,23rd	296·7	295·2	10th	300·0	299·3	+0·3	241	+41
958a	∮Pontianak	0 1	109 20	2·6	..	1008·1	- 2·0	305·0	308·8	18th	295·7	293·7	25th	300·3	299·2	-0·4	268	+17
959	Pasuruan	7 38	112 55	5·0	..	1008·1	- 1·4	304·3	305·7	20th	297·2	296·5	27th	300·7	300·1	+0·7	201	-17
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	571	+113
962	∮Amboina	3 42	128 10	4·2	..	1007·6	- 1·3	303·1	304·8	17th	297·4	296·4	14th	300·3	299·6	-0·2	221	+96
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
965	∮Daru	9 4	143 13	7·6	..	1008·4	- 1·2	303·4	..	..	..	..	..	..	..	..	190	-241
966	∮Port Moresby	9 29	147 9	38·4	..	1008·4	- 0·9	304·9	..	..	297·3	..	..	300·4	*300·0*	+0·3	252	-61
											298·1	..	..	301·5	*301·0*	+0·9	68	-310
967	Rabaul	4 9	152 12	12·5	..	1007·6	- 0·5	306·2	308·2	13th	296·0	294·4	15th	301·1	*300·4*	+0·6	143	-319
969	∮Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	?303·6	..	..	?296·6	..	..	?300·1	*?299·8*	-0·6	..	..
970	Ocean Island	0 52	169 35	39·6	1005·0	1009·7	- 0·3	305·9	306·7	13th	298·8	296·0	5,17,20	302·3	*301·7*	+1·4	11	-361
		°S.	°E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 111,112 and 11

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.*			Temperature.									Precipitation.	
					Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Total.	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	W.															
1002	∮Apia, Samoa	13 48	171 46	2	..	1009·9	+ 0·8	302·5	304·1	7th	296·7	295·4	2nd	299·6	299·5	-0·1	206	-149
1003	∮Alofi, Niue Island	19 2	169 55	27·4	..	1012·7	+ 0·9	303·1	305·8	11th	294·8	293·0	10th	298·9	*298·6*	-1·0	300	-16
1022	Tacna	18 0	70 18	560	..	..	..	302·1	305·0	1st	288·7	287·4	22nd	295·4	*294·6*	+0·1	0	0
1025	Corumba	18 59	57 39	116	996·2	1009·2	+ 0·3	306·3	309·6	1st	295·1	292·2	18th	300·7	*299·7*	+0·6	159	+28
1026	Cuyaba	15 36	56 6	165	991·0	1009·6	+ 0·4	304·8	308·2	10th	295·6	294·0	20th	300·2	*298·6*	+0·1	306	+95
1027	Bello Horizonte	19 55	43 57	89?	913·8	1011·8	- 0·2	300·1	303·8	15th	290·9	288·2	9th	295·5	*294·8*	0·0	310	+124
1028	Caetite	14 3	42 37	897	915·5	1013·8	+ 1·0	300·2	305·0	14th	290·4	287·8	11th	295·3	*294·3*	-1·7	108	+ 6
1029	Ondina (Bahia)	13 0	38 31	46·6	1006·4	1011·8	- 0·5	303·0	305·7	18th	296·5	295·2	8th,23rd	299·8	*299·8*	+0·7	89	-62
1030	Aracaju	10 55	37 3	6·1	1012·8	1013·6	+ 0·5	303·3	304·6	13th	296·6	294·4	11th	300·0	*299·7*	..	22	..
1030a	15°-20°S. 40°-35°W.	††17 28	††38 0	§(50)	..	1015·2	..	..	..	Sea Temp. 300·1 | 0·0	..	..	..	..	300·0	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 56	††36 35	§(49)	..	1013·0	..	..	..	300·3 | +0·1	..	..	..	..	300·5	..	..	..
1035	St. Helena	15 57	W. 5 40	579	947·3	1013·6	+ 1·6	293·3	294·7	1,3,20	289·4	286·9	1st	291·3	*291·6*	-0·8	112	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	302·8	6th	..	285·4	18th	..	*294·8*	-2·2	..	..
1041	Livingstone	17 51	25 51	972	905·4	1010·3	..	304·6	308·0	26th	290·9	286·8	15th	297·7	..	..	22	..
1041a	Elisabethville	11 39	27 28	1236	876·8	1008·9	+ 0·3	..	..	..	..	..	..	..	..	..	..	..
1042	Gwelo	19 26	30 2	1411	..	..	..	300·2	304·7	20th	286·6	283·0	11th	293·4	..	+0·1	55	-30
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·7	1012·1	- 0·3	297·9	300·2	21st	286·6	281·9	13th	292·2	290·8	-1·0	54	-65
1044	∮Zomba	15 23	35 18	955	905·8	1010·3	- 0·2	298·9	301·9	19,22,31	..	..	..	..	*?294·1*	-0·5	181	-50
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	862·6	1009·9	- 0·6	298·4	301·2	1st	286·7	283·3	1st	292·5	292·0	-0·7	53	-132
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1009·2	1009·9	- 2·1	302·7	304·7	6,15,16	298·2	295·8	22nd	300·4	*300·0*	-0·3	308	+80
1057	Christmas Island	10 25	105 43	5·5	1004·9	1005·6	- 2·1	303·2	305·2	31st	297·5	296·3	21,24,25	300·4	*299·8*	-0·3	281	+15
1061	Kupang	10 10	123 34	45·1	..	1009·0	- 0·2	304·2	307·1	11th	296·6	295·1	26th	300·4	299·6	+0·1	308	+86
1061a	Derby	17 18	123 40	16·2	1006·4	1008·2	- 0·5	307·2	311·1	31st	298·7	295·7	26th	302·9	..	-0·2	110	+ 1
1062	Hall's Creek	18 13	127 46	373	966·6	1007·6	- 1·2	308·5	313·2	13th	295·6	289·1	31st	302·0	*301·6*	+0·8	106	+29
1063	Darwin	12 28	130 51	29·6	1003·4	1008·8	- 0·6	306·2	309·6	5th	298·9	295·3	24th	302·6	*301·5*	+0·7	187	-89
1064	Daly Waters	16 16	133 23	211	982·8	1006·3	- 1·2	309·2	312·4	11th	296·4	291·3	31st	302·8	*302·4*	+1·0	74	-42
1065	∮Mein	13 13	142 47	122	993·0	1006·9	- 0·1	305·0	307·3	6th	295·1	293·0	23rd	300·0	*299·4*	+0·1	107	-126
1066	∮Georgetown, Queensland	18 22	143 32	302	975·9	1009·6	+ 0·4	306·5	308·6	12th	295·1	290·8	31st	300·8	..	+0·9	162	+38
1066a	Willis Island	16 18	149 59	8·5	1007·3	1008·3	..	303·0	303·9	9th	298·7	295·6	21st	300·8	*301·1*	..	200	..
1067	Samarai	10 37	150 40	6·1	..	1008·1	+ 0·2	304·4	..	..	297·9	..	..	301·1	*300·8*	+0·7	130	-142
1072	Suva, Fiji	18 8	178 26	6·1	1009·9	1010·6	+ 2·2	305·1	306·3	11th,21st	296·7	295·8	4,21,27	300·9	*300·6*	+1·2	114	-254
		S.	E.															

1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·6	304·1	3rd,6th	296·6	294·7	7th	299·6	*299·3*	+0·9	157	-128
1121	∮Punta Tortuga, Coquimbo	29 56	71 21	27	1011·8	1015·0	+ 0·3	292·9	295·5	1st	288·4	285·3	31st	290·7	*290·3*	+1·0	0	- 1
1122	Iquique	20 12	70 11	9	1012·4	1013·5	0·0	296·2	297·4	22nd	285·9	284·7	17th	291·1	*292·8*	-0·2	0	0
1123	∮Catamarca	28 27	65 47	510	953·4	1010·4	+ 1·1	302·8	311·0	1st	291·4	281·8	31st	297·1	*296·2*	-0·7	87	+42
1124	Salta	24 46	65 28	1182	881·9	1009·8	+ 0·5	298·4	303·6	1st	288·8	283·0	31st	293·6	*292·9*	0·0	272	+169
1125	Goya	29 9	59 15	26	1008·5	1011·5	+ 1·3	305·9	312·4	8th	293·2	284·5	31st	299·5	*298·5*	+1·8	103	-38
1126	Asuncion	25 17	57 41	93	1001·9	1012·7	+ 2·1	306·4	312·8	7th	295·0	289·5	31st	300·7	*299·6*	+1·0	224	+90
1128	Curityba	25 25	49 17	908	913·4	1013·5	0·0	298·6	303·6	10th	289·2	283·5	20th	293·9	*292·6*	+0·5	145	+31
1128a	Rio de Janeiro	22 54	43 10	18·3	1005·4	1007·5	- 5·3	301·9	306·9	31st	295·4	291·2	21st	298·6	298·0	0·0	250	+115
1128b	25°-30°S. 50°-45°W.	††27 40	††48 6	§(57)	..	1015·1	..	..	..	Sea Temp. 298·1 | +0·5	..	..	..	..	298·2	..	..	..
1139	20°-25°S. 45°-40°W.	††22 32	††41 37	§(28)	..	1014·8	..	..	..	299·2 | +1·0	..	..	..	..	298·6	..	..	..
1140	Windhoek	22 34	W. E. 17 5	1669	834·8	1008·2	..	301·6	304·6	8th	289·8	284·7	31st	295·7	*295·1*	+1·6	52	-33
1141	O'Okiep	29 36	17 52	933	909·8	1011·7	- 0·3	303·1	309·2	5th	289·0	282·3	14th	296·1	*295·5*	+1·3	2	- 9
1141a	Kimberley	28 42	24 47	1202	882·6	1012·2	+ 0·3	302·3	308·1	4th	288·7	285·7	18th	295·5	294·4	+0·6	81	+ 2
1142	Johannesburg	26 11	28 4	1806	824·8	1015·7	+ 0·5	295·6	302·2	7th	284·6	280·9	1st	290·1	*289·6*	-0·3	75	-38
1143	∮Bulawayo	20 9	28 35	1349	868·6	1013·7	+ 0·2	299·1	302·7	21st	287·0	283·9	14th	293·1	*292·5*	-0·5	17	-69
1144	Durban	29 52	31 3	15·2	1015·4	1017·2	0·0	299·6	303·2	7th	293·6	290·6	29th	296·6	*296·0*	0·0	369	+233
1147	Lourenço Marques	25 58	32 36	59	..	1015·8	+ 0·8	303·0	305·4	14th	293·5	290·3	11th	298·2	297·7	+0·2	47	-59
	Mauritius	20 6	57 33	55·2	1002·0	1008·3	- 3·7	300·7	302·6	10th	295·9	293·4	18th	298·3	297·9	-0·4	342	+104
		°S.	°E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

MARCH - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1005·7	1006·2	- 2·1	306·7	312·8	7th	296·4	293·6	9th	301·6	..	-0·6	43	[illegible]
1160	Cue	27 27	117 52	454	959·5	1009·9	- 0·9	304·6	311·8	27th	293·8	289·1	8th,9th	299·2	..	-0·7	96	[illegible]
1161	Nullagine	21 53	120 5	386	965·3	1007·9	- 0·6	307·7	312·2	13th	295·9	293·0	17th	301·8	..	-0·3	121	[illegible]
1162	Laverton	28 40	122 23	466	959·5	1011·6	- 1·9	302·2	310·8	29th	290·6	285·2	31st	296·4	296·3	-1·3	122	[illegible]
1163	Alice Springs	23 38	133 37	587	944·4	1008·2	- 1·7	307·7	313·2	2nd	292·9	285·8	31st	300·3	300·6	+2·5	70	[illegible]
1164	William Creek	28 55	136 21	76·2	1003·9	1012·6	- 1·4	305·8	316·4	18th	291·1	283·2	8th	298·4	298·2	+0·7	8	[illegible]
1164a	ϕBoulia	22 55	139 38	146	990·7	1007·0	- 1·7	310·7	315·8	12th	296·7	289·3	8th	303·7	304·0	+2·9	1	[illegible]
1165	ϕThargomindah	27 58	143 43	123	996·7	1010·7	- 1·0	306·3	314·2	18th	293·3	284·1	7th	299·8	299·6	+0·6	27	[illegible]
1166	ϕMitchell	26 32	147 52	336	973·6	1010·8	- 1·6	304·1	310·9	19th	291·2	285·8	19th	297·7	..	+1·6	80	[illegible]
1167	ϕRockhampton	23 24	150 30	11·3	1009·7	1011·2	- 0·6	303·3	307·9	23rd	294·3	291·6	31st	298·8	..	0·0	144	[illegible]
1168	ϕBrisbane	27 28	153 2	41·8	1009·1	1013·5	- 1·0	300·4	306·3	22nd	292·3	288·8	31st	296·3	295·6	-0·2	200	[illegible]
1170	ϕNorfolk Island	29 4	167 59	15·2	1014·5	1016·3	+ 1·9	297·6	301·1	17th	292·4	288·0	19th	295·0	294·6	+0·2	22	[illegible]
		S.	E.															

MARCH - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	978·0	1018·3	..	293·0	298·4	1st	..	..	..	..	289·6	..	27	[illegible]
1221a	Punta Tumbes	36 37	73 6	120	1001·0	1015·4	+ 0·5	..	..	..	..	..	..	..	..	..	40	[illegible]
1222	ϕPunta Angeles, Valparaiso	33 1	71 38	41	1010·4	1015·3	+ 0·8	294·0	299·7	8th	286·3	282·4	31st	290·1	289·7	-0·3	0	[illegible]
1222a	Santiago	33 27	70 42	520	953·9	1013·3	- 0·2	299·9	304·0	2nd	283·9	279·5	31st	291·9	290·9	+1·3	0	[illegible]
1223	Cordoba	31 25	64 12	423	964·6	1012·8	+ 1·0	300·8	306·6	28th	288·4	280·6	31st	294·6	293·9	+0·6	154	[illegible]
1224	Bahia Blanca	38 45	62 15	25	1010·5	1013·5	+ 0·3	300·7	308·2	3rd	287·5	278·0	31st	294·1	293·9	+1·5	47	[illegible]
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1011·3	1014·0	0·0	301·9	308·0	26th	290·8	281·5	31st	296·3	295·6	+2·2	14	[illegible]
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1013·8	+ 0·3	..	305·1	4th	..	287·0	31st	..	296·0	+1·9	58	[illegible]
1226a	Porto Alegre	30 2	51 13	23·5	1011·0	1013·7	- 0·8	301·9	308·9	9th	292·5	287·4	18th,19th	297·2	296·7	+0·9	70	[illegible]
1226b	30°-35°S. 55°-50°W.	††32 36	††51 45	§(40)	..	1016·3	..	..	..	Sea Temp. 296·0 | +0·7	..	..	..	..	296·2	..	..	[illegible]
			W.															
1239	Cape Town	33 56	E. 18 29	12·2	1014·0	1015·4	+ 1·2	300·5	311·3	19th	288·1	283·4	10th	294·3	292·6	+1·2	8	[illegible]
1240	Danger Point	34 37	19 18	27·7	1012·7	1016·0	+ 0·8	292·9	298·6	19th	287·4	285·8	12,26,30	290·1	..	-0·3	12	[illegible]
1241	Riversdale	34 6	21 16	61·0	..	..	..	299·8	310·2	23rd	287·2	283·3	10th	293·5	..	-0·3	29	[illegible]
1242	East London	33 2	27 55	44·8	1011·7	1017·0	+ 2·0	295·7	300·8	5th	289·7	288·0	15th,27th	292·7	..	-0·6	157	[illegible]
1259	Perth (Observatory)	31 57	115 51	60·0	1005·9	1012·9	- 2·5	297·4	302·9	28th	288·9	282·9	9th	293·2	292·7	-1·6	48	[illegible]
1260	Katanning	33 42	117 35	310	978·4	1014·5	- 1·4	295·6	304·1	28th	285·2	279·1	8th	290·4	..	-1·9	50	[illegible]
1261	Coolgardie	30 57	121 10	423	965·0	1012·8	- 1·9	299·7	310·7	28th	287·7	283·0	4th,31st	293·7	293·6	-1·5	125	[illegible]
1262	Eucla	31 45	128 58	4·6	1013·5	1014·2	- 2·1	296·3	309·1	15th	289·8	284·2	12th	293·1	292·5	-0·6	44	[illegible]
1263	Streaky Bay	32 48	134 13	13·1	1014·0	1015·5	- 1·4	298·8	309·1	1st	287·6	280·5	6th	293·2	292·5	-0·2	23	[illegible]
1264	Adelaide	34 56	138 35	42·7	1011·1	1016·1	- 1·1	299·1	309·4	2nd	287·6	283·3	6th,25th	293·3	292·8	-0·7	25	[illegible]
1265	Melbourne	37 49	144 58	35·1	1012·0	1016·1	- 0·8	295·8	308·2	2nd	285·3	278·2	29th	290·6	290·2	-0·5	34	[illegible]
1266	Bourke	30 13	145 58	110	1002·3	1014·9	- 0·4	305·2	315·8	18th	291·0	283·6	21st	298·1	..	-0·1	6	[illegible]
1267	Sydney	33 51	151 13	42·1	1009·7	1014·5	- 1·9	297·6	311·1	18th	289·9	285·5	8th	293·7	293·1	0·0	94	[illegible]
1268	ϕLord Howe Island	31 20	159 0	4·6	1015·2	1015·8	- 0·8	297·2	299·8	15th	291·5	287·2	27th	294·3	..	-0·6	224	[illegible]
1271	Auckland	36 50	174 50	38·1	..	1016·0	- 1·6	294·2	297·4	17th	287·5	282·4	31st	290·8	..	-0·5	116	[illegible]
1272	Napier	39 29	176 55	1·5	..	..	..	294·6	300·5	17th	285·8	279·4	31st	290·2	..	0·0	27	[illegible]
		S.	E.															

MARCH - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
1321	Isla Guafo	43 34	74 45	140	1000·8	1017·6	+ 1·7	288·6	291·6	9th	282·5	279·4	21st	285·5	286·0	+0·9	35	[illegible]
1322	Punta Galera	40 1	73 44	40	1012·4	1017·2	+ 1·2	289·0	294·7	2nd	284·0	281·0	31st	286·5	287·0	+0·5	86	[illegible]
1323	ϕSarmiento	45 34	69 0	272	979·2	1010·0	- 0·1	295·3	302·1	2nd	282·8	272·9	31st	289·1	288·8	+1·1	6	[illegible]
1324	ϕPuerto Madryn	42 49	W. 64 58	14	1010·6	1012·3	+ 0·8	298·8	310·2	3rd	282·6	274·4	16th	290·7	291·6	+1·2	7	[illegible]
1365	Launceston	41 27	E.147 10	10·1	1012·1	1013·3	- 1·1	294·2	302·0	1st	281·3	274·4	23rd	287·7	286·7	-1·3	34	[illegible]
1366	Hobart	42 53	147 20	53·9	1006·9	1013·5	- 0·5	290·6	300·2	2nd	282·5	279·1	29th	286·6	285·6	-1·6	37	[illegible]
1370	Invercargill	46 25	168 21	3·7	..	..	..	289·3	297·4	5th,6th	281·1	274·7	31st	285·2	..	-0·4	220	[illegible]
1371	Dunedin	45 52	170 31	6·1	..	1009·1	- 4·5	290·8	300·8	5th	281·2	276·3	31st	286·0	..	-0·1	129	[illegible]
1371a	Christchurch	43 31	172 39	7·6	..	1010·1	- 5·0	292·8	301·6	8th	282·3	275·1	22nd	287·6	..	+0·2	29	[illegible]
1372	Wellington	41 16	174 46	3·0	..	1013·3	- 3·4	293·0	297·3	8th	286·6	280·8	31st	289·8	..	+0·9	86	[illegible]
		S.	E.															

MARCH - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	995·6	1002·2	0·0	282·9	284·5	8th	279·5	276·2	22nd	281·2	282·0	+0·6	328	[illegible]
1422	Puerto de Punta Arenas	53 10	70 54	28	998·0	1001·4	+ 0·1	285·6	290·0	2nd	279·8	276·9	23rd	282·7	282·9	+1·0	37	[illegible]
1423	ϕPunta Dungeness	52 24	68 26	5	1002·2	1002·8	+ 1·9	285·6	290·2	2nd	279·7	274·5	22nd	282·7	283·4	+0·4	36	[illegible]
1424	Santa Cruz	50 1	68 31	12	1003·5	1004·9	+ 0·9	292·4	303·1	2nd	280·8	275·7	14th	286·6	286·4	+0·9	7	[illegible]
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1005·7	+ 4·7	284·9	290·2	9th	277·2	273·6	25th	281·1	..	+0·1	68	[illegible]
1426	Cape Pembroke	51 41	57 42	21·3	1001·7	1004·3	+ 3·0	284·7	290·8	8th	278·2	273·6	30th	281·4	281·1	-0·4	..	[illegible]
1429	ϕS. Georgia (Cumberland Bay)	54 14	36 33	4	998·1	998·6	+ 2·7	280·5	288·7	4th	273·6	267·6	30th	277·1	276·6	-0·8	49	[illegible]
		S.	W.															

MARCH - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1527	South Orkneys	60 44	44 39	7	991·3	992·2	+ 1·4	273·7	277·5	4th	270·4	264·3	29th	272·1	272·5	+0·1	47	[illegible]
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ϕChange of normals, see pages 114 and 115.

RÉSEAU MONDIAL, APRIL 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF APRIL, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. — APRIL - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1020·8	1021·1	..	258·7	266·0	6th	249·1	243·4	15th	253·9	..	..	18	..
105	ϕBarrow	71 23	156 17	7·0	..	1022·0	..	257·6	263·6	26th,30th	246·6	238·6	4th,11th	252·1	..	-2·2	0	- 4
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	260·4	+1·9	..	..
131	Myggbukta	73 30	21 30	3·2	..	1017·0	..	..	..	..	..	..	..	..	254·4	..	0	..
132	Scoresbysund	70 29	21 58	16·9	1012·8	1015·0	..	264·5	273·5	30th	253·4	238·3	12th	258·9	259·4	..	7	..
135	ϕJan Mayen	70 59	W. 8 18	23·1	1004·5	1007·4	- 5·7	..	274·6	2nd	265·4	258·3	12th	..	267·6	-3·3	18	- 7
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1008·6	1010·0	- 3·0	..	268·6	27th	249·2	241·5	1st	..	255·3	-4·1	4	-20
140	Björnöen	74 28	19 17	40·5	998·8	1004·0	- 8·6	..	273·0	9th	262·8	254·6	1st	..	265·2	-1·0	21	- 3
141	Ingøy	71 4	24 6	7·5	998·3	999·3	-12·4	..	278·4	27th	270·4	265·6	1st	..	272·2	-0·3	27	- 5
142	Mehavn	71 1	27 47	10·2	999·5	1000·8	- 9·4	..	275·3	11th	267·9	262·3	6th	..	270·8	-1·0	65	+17
143	Vardö	70 22	31 6	11·8	999·1	1000·6	-11·0	..	275·6	25th	269·6	264·3	2nd	..	271·7	+0·1	27	-13
147	Malye Karmakouly	72 23	52 43	15·3	1004·8	1006·8	- 6·2	264·6	276·1	23rd	258·9	242·9	2nd	261·7	261·6	-0·4	2	- 9
148	Waigatz	70 24	58 47	11·2	1006·4	1007·9	..	264·4	275·8	28th	256·6	239·7	2nd	260·5	260·5	-0·7	5	- 1
153	Dickson	73 31	80 23	13·0	1010·0	1011·7	+ 0·9	..	..	..	251·7	237·0	3rd	..	255·8	+1·2	..	..
162	Bouloune	70 45	127 47	35	1011·1	1015·7	..	..	..	..	256·1	246·5	8th	..	260·9	+3·6	5	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. — APRIL - ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	1021·0	1027·2	..	..	..	..	255·5	247·7	15th	..	261·1	..	6	..
203	Nome	64 30	165 24	6·7	1016·6	1017·3	+ 6·1	265·7	273·0	23rd,28th	254·8	243·6	14th	260·3	260·7	-4·3	12	- 3
204	Candle	65 55	161 57	2·4	..	..	..	265·0	276·3	22nd	253·9	241·3	16th	259·4	..	-0·7	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	269·3	277·4	8th,9th	259·1	248·6	15th	264·2	..	..	11	..
205	Tanana	65 10	152 6	69·5	1007·8	1016·2	+ 4·3	269·9	279·1	10th	257·7	243·6	4th	263·8	263·7	-4·5	5	- 2
206	Rampart	65 30	150 15	114	..	..	..	268·9	281·9	10th	256·1	238·0	5th,6th	262·5	..	-5·7	6	0
207	Valdez	61 7	146 16	122	..	..	..	..	..	..	..	..	..	..	..	..	..	..
208	Eagle	64 46	141 12	248	982·5	1014·2	+ 2·2	271·2	281·9	10th	258·4	234·7	4th	264·8	265·2	-5·5	12	+ 2
209	Dawson	64 4	139 29	324	973·4	1014·8	+ 2·1	271·9	282·4	24th	258·0	236·9	5th	264·9	264·7	-5·7	14	0
210	Carcross	60 11	134 34	662	..	..	..	272·2	280·8	11th,29th	262·1	247·4	8th	267·1	..	-4·6	11	+ 3
210a	Mayo Landing	63 35	135 51	?579	952·1	1024·6	..	274·7	285·2	11th	260·2	236·9	7th	267·4	267·6	..	11	..
211	Fort Good Hope	66 25	128 53	65·2	1011·7	1020·4	+ 3·5	265·8	283·0	21st	251·9	235·2	6th,18th	258·8	..	-4·0	31	+11
212	ϕFort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	161	992·2	1012·7	- 3·0	273·6	288·6	15th	262·4	246·3	9th	268·0	..	-0·1	36	+22
225	Jacobshavn	69 13	51 2	31·6	1010·3	1014·4	+ 0·9	267·5	276·9	28th	260·1	253·3	14th	263·8	264·5	+1·2	8	- 4
226	Godthaab	64 11	51 43	20·4	..	..	..	273·6	279·4	29th	266·9	258·6	17th	270·3	270·0	+1·1	1	-27
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	1006·6	1010·3	- 0·7	275·2	279·6	20th	265·3	258·1	20th	270·3	270·4	+1·4	18	-45
231	Stykkisholm	65 5	22 46	25	..	1007·6	- 2·4	277·3	282·0	12th	271·0	267·1	28th	274·1	274·0	+0·2	44	+ 6
232	Vestmanno	63 24	20 17	132	..	1006·2	- 2·1	278·4	282·1	16th	272·0	264·9	28th	275·2	274·9	-1·4	95	- 2
233	Grimsey	66 33	18 1	22·0	..	1009·6	- 1·8	274·3	278·2	2nd	269·8	264·1	28th	272·1	271·7	-0·2	0	-13
234	Teigarhorn	64 41	14 22	18·0	..	1006·6	- 3·7	278·0	286·2	12th	270·4	264·1	28th	274·2	273·6	-0·8	47	-34
235	Højvig	62 3	6 45	22·9	1002·8	1005·6	- 5·1	278·6	282·7	13th	273·3	266·1	28th	275·9	276·1	-1·8	200	+107
236	Lerwick	60 8	W. 1 11	18·0	..	1003·7	- 7·5	279·8	283·6	18th	275·1	268·6	28th	277·4	277·5	-0·8	153	+95
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	998·1	1003·6	- 8·7	279·5	282·9	10th	274·1	271·7	22nd	276·8	276·5	-2·0	196	+100
238	Aalesund	62 28	6 10	6·3	1000·9	1001·7	-11·5	..	281·5	19th	274·2	271·8	22nd	..	276·3	-1·7	113	+54
239	Trondhjem	63 26	10 25	**	‡ 992·5	999·8	-11·9	279·2	284·5	7th	271·9	268·8	25th	275·5	275·4	-1·1	108	+63
240	Bodö	67 17	14 24	22·3	994·7	997·5	-13·7	..	278·9	25th	271·7	268·0	22nd	..	274·6	-0·4	25	-26
241	Haparanda	65 50	24 9	9·2	997·9	999·1	-14·0	275·9	280·0	25th	267·9	260·5	1st	271·9	272·1	+0·7	27	+ 1
242	Helsingfors	60 10	24 57	11·7	999·1	1000·6	-13·5	277·6	283·2	18th	272·7	268·9	1st	275·1	274·8	+0·2	63	+27
242a	Kuopio	62 55	27 40	233	971·0	999·7	-13·7	275·5	280·6	12th	269·9	265·0	22nd	272·7	272·5	-1·7	67	+34
243	Kola	68 53	33 0	6·7	999·9	1000·8	-11·8	274·0	278·9	16th	265·2	248·8	2nd	269·6	270·0	-1·4	23	+ 9
244	Petrozavodsk	61 47	34 23	79·0	991·9	1001·7	-13·0	277·4	281·4	16th	271·7	264·7	7th	274·5	274·2	+0·3	40	+12
245	Arkhangelsk	64 34	40 31	6·3	1001·4	1002·2	-11·4	276·6	282·7	29th	268·9	256·4	2nd	272·8	272·5	+0·7	37	+18
246	Mezen	65 50	44 16	14·9	1001·2	1003·1	-11·1	274·5	281·2	29th	266·4	247·4	7th	270·5	270·2	-0·5	38	+24
247	Oust-Tsylma	65 25	52 18	68	997·4	1006·0	- 9·5	275·1	285·1	27th	266·2	250·0	7th	270·7	270·4	-0·2	23	+ 5
248	ϕTcherdyn	60 24	56 31	?208	985·8	1011·5	- 4·1	279·8	290·8	28th	270·5	254·0	3rd	275·2	274·6	+0·4	17	- 6
249	Berezov	63 56	65 4	46	1007·1	1013·0	- 3·9	273·2	288·9	27th	263·5	242·2	5th	268·4	268·2	+0·2	9	- 8
250	Obdorsk	66 31	66 36	35·2	1009·4	1014·0	- 3·5	268·3	282·7	28th	259·7	239·0	10th	264·0	263·9	+1·3	15	+ 6
251	New Port	67 42	72 57	3·3	..	..	..	264·7	275·5	29th	255·3	236·8	2nd	260·0	260·2	..	12	..
252	Sourgout	61 15	73 24	40	1008·4	1013·5	- 3·8	..	..	..	..	..	..	..	269·0	+0·6	30	+14
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	992·8	1013·7	..	274·4	279·5	13th	264·5	242·9	4th	269·4	269·7	..	19	..
268	Naiakhan	61 55	158 59	29·0	?1018·7	?1022·5	..	270·6	276·6	26th	263·1	251·8	13th	266·8	?267·1	..	..	..
271	Novo Mariinskii Post	64 45	177 33	? 17	1022·8	1025·0	+ 8·1	..	268·3	11th	..	242·4	15th	..	258·8	+0·3	6	+ 1
		N. ° ′	E. ° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
**Height changed from 37·0m. to 59·2m. from April 8th.
ϕChange of normals, see pages 105 and 106.

APRIL - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	278·6	282·4	22nd	273·7	270·8	22nd,26th	276·1	..	..	80	..
302	St. Paul Island	57 15	170 10	12·2	..	1021·3	+11·9	270·5	274·7	11,22,24	265·8	256·9	15th	268·2	..	-2·0	11	-28
303	Dutch Harbor(Radio)	53 55	166 30	4·0	1015·7	1016·2	+ 7·5	278·1	281·9	18th	271·7	266·9	28th	274·9	*274·7*	+0·1	105	+0
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	‡Dillingham	59 0	158 28	24·4	..	..	..	275·3	281·3	10th	265·7	253·6	16th	270·5	..	-0·9	4	-26
306	‡Kodiak (Radio)	57 47	152 22	4·6	1009·4	1010·1	+ 4·5	278·5	284·1	11th	271·2	264·1	16th	274·9	*274·5*	-0·6	‡ 63	-29
309	Sitka	57 3	135 19	19·8	..	..	..	280·3	285·2	10th	272·4	264·7	18th	276·3	..	-2·6	106	-33
310	Prince Rupert	54 18	130 18	51·8	1006·6	1013·0	- 0·9	281·3	286·3	11,21,30	274·7	270·2	19th	278·0	*277·9*	-0·9	237	+41
311	Barkerville	53 2	121 35	1274	864·7	1012·7	0·0	278·0	284·1	13th,24th	267·4	250·8	19th	272·7	*272·2*	-2·0	127	+71
312	Kamloops	50 41	120 29	385	969·9	1016·0	- 1·9	288·4	295·8	24th,25th	274·7	266·4	20th	281·6	*281·7*	-1·2	1	-26
313	Calgary	51 2	114 2	1045	891·5	1013·4	+ 0·6	284·7	297·4	27th	266·3	252·4	19th	275·5	*275·5*	-2·1	2	-31
314	Fort Chipewyan	58 42	111 10	218	986·5	1013·9	- 1·2	275·6	287·2	25th	265·6	247·4	1st	270·6	*271·5*	+0·6	38	+25
315	Prince Albert	53 10	105 38	442	961·9	1016·2	+ 0·8	280·2	292·4	29th	268·6	250·8	21st	274·4	*274·1*	-1·2	33	+3
316	Qu'Appelle	50 30	103 47	645	936·8	1014·4	- 0·2	280·2	294·1	24th	270·8	259·7	20th	275·5	*275·1*	-0·7	13	-13
317	Minnedosa	50 15	99 50	515	953·4	1016·2	- 0·2	279·1	291·1	25th	269·9	259·4	6th	274·5	*274·3*	-1·6	36	+3
318	Berens River	52 18	97 23	216	..	..	..	279·1	289·7	16th	266·3	256·9	20th,22nd	272·7	..	+0·9	59	+40
318a	Port Nelson	57 0	92 51	14·9	1016·9	1018·8	+ 0·1	271·3	285·8	16th	261·9	250·2	4th	266·6	..	+2·0	66	+4
319	Pagwa	50 3	85 18	189	..	..	..	278·3	291·3	17th	266·8	249·7	1st,6th	272·6	..	-0·7	32	-1
320	Moose Factory	51 14	80 30	9·1	1017·5	1018·7	+ 1·9	276·9	289·1	15th	266·3	250·8	2nd	271·6	..	+0·9	20	-1
321	Fort George	53 50	79 5	97·5	..	..	..	?272·4	?283·0	18th	?261·6	?244·1	1st	?267·0	..	-0·2	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	278·2	290·8	20th	262·1	246·9	2nd	270·1	..	-1·1	30	+3
324	Natashquan	50 8	61 48	6·1	..	..	..	276·5	283·0	22nd	267·2	259·7	4th,9th	271·9	..	+0·2	0	-2
326	Belle Isle	51 53	55 23	130	992·9	1009·8	- 2·0	273·0	277·4	23rd	268·7	260·2	4th	270·8	*270·5*	+0·6	..	..
331	55°-50°N. 30°-25°W.	††53 13	††27 55	§(36)	..	1014·4	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
333	53°-48°N. 20°-15°W.	††49 24	††17 43	§(19)	..	1020·6	..	..	..	281·8|-0·6	..	..	..	..	280·4	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	284·4|+0·4	..	..	..	..	283·9	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1015·3	1017·0	+ 3·9	284·1	287·7	20th	279·4	273·5	28th	281·7	281·8	-0·2	36	+1
335	Aberdeen	57 10	W. 2 6	26·0	1004·8	1008·0	- 4·4	282·9	291·1	17th	275·9	270·7	28th	279·4	279·2	0·0	60	+2
336	Greenwich	51 28	0 0	46·3	..	1014·0	- 0·2	287·3	295·2	21st	277·2	270·8	27th	282·3	281·9	+0·7	44	+1
337	Uccle	50 48	E. 4 22	100	1001·5	1013·7	- 0·4	287·0	292·7	19th,21st	277·3	272·5	27th	282·1	281·3	+0·4	67	+1
338	De Bilt	52 6	5 11	3·0	1011·7	1012·1	- 1·7	284·9	290·8	20th	277·4	272·6	11th	281·1	280·8	-0·2	83	+1
338a	Hamburg	53 33	9 58	40·3	1004·6	1009·5	- 3·9	283·7	288·4	20th	276·8	273·9	29th	280·3	*279·8*	-0·6	108	+7
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1004·8	1005·4	- 8·3	282·1	288·1	20th	275·6	272·4	25th	278·9	*278·9*	+0·8	62	+7
340	Potsdam	52 23	13 4	84·9	999·7	1010·1	- 4·0	284·4	293·4	22nd	276·4	272·6	3rd	280·4	280·0	-0·8	104	+5
340a	Uppsala	59 51	17 38	24	997·7	1000·7	-12·6	279·7	286·8	20th	272·4	270·3	1st,22nd	276·1	275·9	-0·3	58	+1
341	Warsaw	52 13	21 3	89·9	998·2	1009·2	- 5·6	283·8	293·6	23rd	276·0	272·3	6th	279·9	*279·7*	..	75	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	993·1	1003·1	-10·9	279·6	283·3	13th	273·2	270·8	12th	276·4	276·1	-0·3	63	+1
343	Leningrad	59 56	30 16	4·8	‡1001·1	1002·2	-12·3	278·8	282·4	13th	272·7	269·3	1st	275·7	*275·5*	+0·1	42	-1
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	187	988·6	1009·2	- 7·3	280·3	287·5	30th	273·1	264·7	1st	276·7	*276·6*	+0·2	27	-2
345	Saratov	51 32	46 2	127	997·4	1013·1	- 4·1	282·7	294·7	25th	274·2	258·3	1st	278·5	*279·4*	+1·4	52	+1
346	Kazan	55 47	49 8	79·9	1003·2	1013·1	- 6·0	281·5	293·4	27th	273·1	264·4	2nd	277·3	*277·2*	+0·7	24	-2
347	Orenburg	51 45	55 6	109	1002·8	1016·3	- 5·1	284·0	298·0	28th	273·5	256·0	2nd	278·7	*278·4*	+1·1	22	-2
348	Perm	58 1	56 16	163	993·5	1013·6	- 5·6	282·0	293·5	28th	272·0	264·7	8th	277·0	*276·7*	+1·4	24	-1
349	Sverdlovsk	56 50	60 38	281	979·5	1014·0	- 4·9	281·9	293·1	27th	272·9	264·0	8th	277·4	*276·9*	+2·2	49	+2
350	‡Tobolsk	58 12	68 14	108	1002·3	1015·8	- 3·2	..	..	..	270·3	253·0	3rd	..	*275·0*	+1·1	43	+1
351	‡Akmolinsk	51 12	71 23	353	977·4	1021·0	- 2·1	282·2	300·8	29th	268·2	248·2	1st	275·2	*275·2*	+1·0	2	-2
352	‡Omsk	55 1	73 19	108	1005·9	1019·5	- 1·2	280·7	300·0	29th	268·7	250·5	9th	274·7	*274·5*	+1·3	10	-2
353	Barnaoul	53 20	83 48	158	1001·9	1021·8	+ 0·1	..	293·8	23rd	265·7	245·0	6th	..	*273·2*	-0·7	19	-2
354	Tomsk	56 30	84 56	122	1004·3	1019·8	- 0·3	277·8	291·5	30th	266·6	243·2	6th	272·2	*272·0*	0·0	23	-2
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chanter Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1009·6	1014·9	+ 4·2	276·6	?284·1	24th	269·2	256·6	5th	272·9	*272·8*	+2·9	17	+1
366	Okhotsk	59 21	143 17	5·5	1017·0	1017·7	+ 4·5	272·3	276·0	23rd	265·9	250·5	11th	269·1	*269·2*	+3·0	..	..
368	Petropavlovsk (Phare)	52 63	158 43	87·1	1015·0	1028·1	+17·0	..	..	..	271·0	267·9	27th	..	*272·5*	+1·5	3	..
369	Kluchevskoye	56 21	160 48	? 30	1022·8	1026·6	..	..	..	..	266·4	257·9	15th	..	*271·4*	..	..	..
370	Nikolskoe	55 12	165 59	6·8	1025·6	1028·5	..	275·3	278·4	25th,28th	..	..	..	..	‡*273·4*	..	3	..
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 107.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

APRIL - ZONE 4.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·8	1016·4	- 1·1	284·8	289·6	25th	277·6	273·1	8th	281·2	280·6	-0·6	21	-18
412	Portland, Oregon	45 32	122 41	46·6	1012·3	1017·6	- 0·4	289·3	300·2	24th	278·9	274·1	20th	284·1	*284·1*	+0·4	43	-34
413	Macleod																	
414	Helena	49 44	113 24	952	..	..	..	283·6	296·9	28th	271·6	258·0	19th	277·6	*277·8*	-1·3	11	- 6
414a	Salt Lake City	46 34	112 4	1253	871·3	1014·5	- 0·7	283·9	299·1	26th	272·4	256·9	20th	278·2	*278·2*	-1·3	8	-20
415	Cheyenne	40 46	111 54	1329	865·1	1013·2	- 0·2	287·7	301·3	26th	276·9	271·3	21st	282·3	*282·5*	-0·7	28	-25
416	North Platte	41 8	104 48	1856	809·8	1013·2	- 0·5	283·7	297·4	27th	271·7	264·1	21st	277·7	*278·0*	-0·3	57	+10
416a	Bismarck	41 8	100 45	860	914·6	1013·9	- 0·3	289·7	304·7	26th	276·7	267·4	21st	283·2	*283·1*	+1·1	85	+31
417	Winnipeg	46 47	100 38	510	954·1	1015·2	- 0·4	284·9	296·9	26th	274·1	265·2	22nd	279·5	*279·6*	+0·3	35	- 6
418	Duluth	49 53	97 7	232	988·3	1016·9	+ 0·3	281·9	293·3	18th	272·7	263·0	6th	277·3	*277·1*	+1·1	62	+26
419	Port Arthur	48 27	89 12	196	994·6	1019·0	+ 2·5	279·7	288·0	30th	270·8	263·0	7th,8th	275·2	*274·9*	+0·8	55	+17
420	Chicago	41 47	87 35	205	992·5	1017·3	+ 1·4	285·4	299·1	17th	276·2	272·4	22nd	281·8	*281·2*	+0·2	153	+81
421	Toronto	43 40	79 24	116	1004·7	1019·1	+ 3·0	284·3	296·1	19th	274·4	269·2	8th	279·3	278·9	+0·7	26	-32
422	‡New York (Central Park)	40 47	73 58	47·4	1012·8	1018·6	+ 3·0	286·9	305·2	20th	277·5	273·6	8th,11th	282·2	282·0	-0·6	72	-13
423	St. John, N.B.	45 17	66 4	36·3	1009·6	1014·1	+ 0·6	280·9	288·8	16th	272·3	265·6	8th	276·6	276·2	-0·3	62	-27
424	S.W. Point, Anticosti	49 24	63 33	9·1	1012·5	1013·7	+ 1·0	274·7	281·9	20th	269·8	263·0	9th	272·3	*272·4*	+0·1	37	- 8
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·7	1013·7	- 0·1	277·4	283·6	20th	273·0	267·4	10th	275·2	*274·9*	-0·8	51	-42
425	Port aux Basques	47 35	59 10	9·1	1011·1	1012·3	- 1·2	275·6	282·7	21st	269·9	263·3	4th	272·7	*272·7*	-0·9	85	-12
426	St. John's, Newfoundland	47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid																	
436	Nantes	40 24	3 41	667	940·6	1017·7	+ 2·4	292·9	298·8	28th	280·9	274·8	11th	286·9	*286·3*	+2·4	3	-34
437		47 15	W. 1 34	36·5	1013·0	1017·5	+ 2·9	288·0	294·9	21st	279·5	274·7	2nd	283·7	283·6	+0·7	35	-16
438	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·1	1016·2	+ 2·3	288·4	297·9	22nd	278·7	275·0	2nd,4th	283·6	283·6	+1·0	36	- 8
438a	Marseille	43 18	5 23	75	..	1014·5	+ 2·7	293·1	298·0	28th	281·0	275·6	3rd	287·1	*286·8*	+1·1	6	-49
439	Zürich	47 23	8 33	493	958·1	1016·5	+ 2·1	287·5	297·3	29th	277·8	272·5	18th	282·6	282·1	+0·5	109	+19
440	Rome	41 54	12 27	45·5	1008·7	1014·1	+ 1·3	292·8	295·7	28th	281·9	277·3	4th	287·3	*287·4*	+0·7	18	+48
440a	Vienna	48 15	16 22	203	988·6	1013·1	- 0·5	286·6	298·1	23rd	279·2	275·0	17th	282·9	282·7	-0·2	85	+32
441	Budapest	47 31	19 1	130	997·1	1012·8	- 0·2	289·5	300·8	30th	279·3	275·1	5th	284·4	283·9	-0·2	63	+ 5
442	‡Sofia	42 42	23 20	550	948·9	1013·2	- 0·1	290·4	299·6	11th	278·6	273·4	18th	284·5	*284·6*	+1·3	83	+31
443	Bucharest	44 25	26 6	82	1002·3	1012·1	- 1·4	292·6	302·3	11th	280·1	274·3	7th	286·3	286·1	+1·9	31	-13
444	Odessa (Observatory)	46 28	30 46	42·8	1006·3	1011·5	- 3·5	..	293·6	29th	..	272·4	7th	..	*281·5*	-0·1	22	- 3
444a	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Novorossiisk	44 44	37 49	37·1	1008·2	1012·7	- 2·1	287·4	293·0	26th	280·4	275·9	23rd	283·9	*283·7*	+0·2	62	+18
446	Tiflis	41 43	44 48	404	966·4	1013·9	- 2·2	290·6	299·4	27th	280·0	275·5	4th,16th	285·3	*285·0*	+0·6	58	+ 2
447	Astrakhan	46 21	48 2	-20	1016·6	1014·2	- 3·1	289·3	299·6	30th	276·9	269·6	1st	284·1	*283·6*	+1·8	2	-10
448	Fort Alexandrovsk	44 31	50 7	-23·0	1016·8	1014·2	- 1·8	288·1	296·5	20th	280·1	272·8	1st	284·1	*283·8*	+1·0	12	- 2
449	Krasnovodsk	40 0	52 59	- 4·6	1013·8	1013·1	- 2·3	291·7	299·0	8th	283·5	274·9	1st	287·6	*287·2*	+0·5	3	-21
450	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	278·0	269·4	3rd	..	*285·3*	+3·5	0	-14
451	Tashkent	41 20	69 18	478	958·0	1013·2	- 2·6	295·1	305·3	22nd	283·3	274·9	6th	289·2	*289·2*	+1·9	18	-36
452	Alma Ata	43 16	76 53	841	918·7	1014·7	- 2·7	292·4	305·0	24th	279·4	269·6	1st	285·9	*285·8*	+3·1	17	-76
461	Moukden	41 48	123 23	43·8	1010·4	1015·7	+ 1·3	290·2	299·6	24th	277·1	267·9	3rd	283·7	283·4	+1·8	5	-22
462	Joshin	40 40	129 11	31·9	1013·5	1017·5	+ 3·5	285·0	296·3	25th	275·8	270·0	5th	280·4	279·5	-0·1	44	+14
463	Yuki	42 20	130 24	63·8	1009·0	1016·9	+ 3·0	283·0	290·6	29th	274·2	267·7	5th	278·6	278·0	-0·3	7	-24
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1014·8	1018·3	+ 6·7	278·9	293·8	27th	272·1	268·3	2nd	275·5	275·4	+1·7	34	-10
466	Nemuro	43 20	145 35	26·7	1015·5	1018·9	+ 5·2	279·0	292·3	29th	273·1	271·0	2nd	276·1	275·7	-0·1	69	- 4
466a	Syana	45 14	147 53	39·3	1014·4	1019·3	+ 6·2	280·1	290·1	28th	272·6	267·6	2nd	276·3	276·2	+1·8	42	-23
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

APRIL - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal
		N.	W.		mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
508	35°-30° N. 145°-140° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1011·0	1016·9	- 1·0	290·2	300·8	23rd	282·1	277·4	10th	286·1	*285·6*	+0·7	50	+10
512	San Luis Obispo	35 18	120 39	61·3	1010·1	1017·8	0·0	292·4	303·0	22nd	280·2	274·7	11th	286·3	..	+0·3	39	+ 3
512a	Sacramento	38 35	121 30	21·0	1013·3	1015·6	- 0·2	293·7	304·1	24th	281·1	274·1	10th	287·4	*287·6*	-0·1	37	0
513	San Diego	32 43	117 10	26·5	1012·7	1015·9	0·0	290·7	298·6	23rd	284·3	279·1	12th	287·5	*287·1*	-0·1	18	+ 2
514	Modena	37 48	113 54	1868	830·6	1011·2	- 0·7	289·0	299·1	26th	272·4	265·8	12th	280·7	*281·1*	+0·5	8	-15
515	Santa Fé	35 41	105 57	2138	784·7	1009·8	- 0·1	289·2	296·9	27th	275·5	268·0	13th	282·3	*282·5*	+0·9	15	- 8
516	Denver	39 45	105 0	1613	834·3	1012·2	- 0·4	288·1	300·8	27th	275·3	268·0	14th	281·7	*282·0*	+0·1	39	-15
517	Abilene	32 23	99 40	530	950·8	1011·2	- 1·9	300·4	309·1	28th	286·0	273·6	22nd	293·2	*292·8*	+2·4	98	+32
518	Saint Louis	38 38	90 12	173	994·6	1015·2	- 0·1	291·2	300·8	28th	282·5	274·1	22nd	286·9	*286·8*	+0·7	160	+64
519	Mobile	30 41	88 2	17·4	1015·3	1017·3	+ 0·7	298·9	303·0	2nd	290·4	279·1	23rd	294·7	*294·4*	+2·8	46	-79
520	Nashville	36 10	86 47	166	997·4	1017·3	+ 0·7	295·1	303·6	28th	284·9	274·7	22nd	290·0	*290·2*	+2·1	187	+75
521	Charleston	32 47	79 56	14·6	1016·9	1018·6	+ 1·5	296·2	305·2	29th	287·9	279·7	23rd	292·1	*292·1*	+1·4	16	-58
522	Washington	38 54	77 3	34·1	1014·7	1018·9	+ 2·7	289·7	305·2	20th	278·4	273·6	25th	284·1	*283·7*	-0·9	126	+44
524	Bermuda	32 17	64 46	46·0	1013·7	1019·2	+ 1·8	295·0	298·4	9th	286·4	283·1	12th,15th	290·7	*290·6*	-1·0	78	-25
		°N.	°W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

APRIL - ZONE 5. (EUROPE, AFRICA, ASIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1014·2	1019·0	- 1·9	292·1	295·5	11th	287·7	284·9	7th	289·9	*289·8*	+1·8	85	[illegible]
531	Horta	38 32	28 38	65	1013·0	1020·8	- 0·2	291·9	294·1	12th	287·3	283·3	8th	289·6	289·2	+0·8	97	[illegible]
532	Ponta Delgada	37 44	25 40	22	1019·5	1022·2	+ 1·1	291·2	293·1	11th	287·7	284·1	8th	289·4	289·2	+1·1	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	64	[illegible]
533	Madeira (Funchal)	32 38	16 55	25	1017·9	1020·9	+ 2·0	292·0	295·3	20th	287·7	285·2	13th	289·9	*290·1*	+0·9	18	[illegible]
535	Lisbon	38 43	9 9	95	1007·4	1018·8	+ 3·0	293·4	298·4	18th	285·0	281·0	11th	289·2	288·6	+1·4	55	[illegible]
535a	Melilla	35 17	2 59	40	1013·0	1017·8	..	292·9	299·7	26th	285·8	279·9	13th	289·3	*289·4*	+0·1	38	[illegible]
536	øGibraltar	36 6	5 21	16·2	..	1017·7	+ 1·1	292·9	299·1	26th	285·2	281·9	12th	289·1	*288·8*	0·0	33	[illegible]
536a	Colomb-Béchar	31 36	W. 2 4	769	927·2	1014·0	..	299·8	307·0	30th	283·6	275·8	13th	291·7	*291·9*	..	0	..
537	Palma	39 34	E. 2 39	23	1014·1	1016·8	+ 2·0	293·8	300·4	29th	281·0	277·0	19th	287·4	*286·9*	-0·6	0	[illegible]
538	øAlgiers (Bouzaréah)	36 48	3 2	342	976·4	1016·8	+ 2·4	291·1	298·2	26th	284·7	279·5	17th	287·9	288·0	+1·6	6	[illegible]
538a	øGadames	30 9	9 30	351	..	..	..	305·9	312·9	29th	284·7	280·1	1st	295·3	..	0·0	7	[illegible]
539	Tunis	36 48	10 10	75	1008·0	1017·0	..	294·3	303·9	8th	283·2	278·8	4th	288·8	*288·4*	+0·6	19	[illegible]
539a	Malta	35 54	14 31	56·4	..	1014·7	+ 1·8	291·1	294·4	30th	286·0	281·3	18th	288·6	*287·8*	-0·5	9	[illegible]
540	Riposto	37 41	15 14	14·2	..	1015·5	+ 0·3	291·6	294·0	25th	284·2	281·0	18th	287·9	*288·3*	+0·1	11	[illegible]
541	Athens	37 58	23 43	107	999·8	1012·5	- 0·8	293·4	301·5	29th	285·4	281·0	3rd,14th	289·4	288·9	+1·1	24	[illegible]
542	Alexandria	31 12	29 53	32·0	1010·2	1013·9	- 0·2	295·2	302·0	15th	288·7	285·8	3rd	292·0	*292·0*	+0·6	6	[illegible]
543	Ankara (Angora)	39 58	32 48	970	901·7	1012·2	- 1·9	288·8	296·2	12th	277·4	270·9	7th	283·1	*283·4*	..	35	..
543a	øNicosia (P.W.D.)	35 9	33 22	159	992·2	1010·7	- 1·3	296·3	303·6	30th	282·5	276·9	8th	289·4	..	-0·3	44	[illegible]
544	Beirut	33 54	35 28	33·7	..	1011·8	- 1·6	294·4	299·7	20th	287·3	283·6	8th	290·9	*290·7*	-0·3	104	[illegible]
545	Hinaidi	33 17	44 29	32·3	..	1011·1	- 1·1	302·0	310·8	19th	284·3	279·7	23rd	293·2	*293·8*	-1·2	7	[illegible]
546	Lenkoran	38 46	48 51	-20·0	1016·3	1013·9	- 2·0	..	296·6	30th	281·9	278·6	23rd	..	*285·1*	+0·1	49	[illegible]
547	Tehran	35 41	51 25	1220	..	..	..	294·2	302·4	19th	281·7	275·4	12th	287·9	*288·2*	-0·5	23	[illegible]
548	Meshed	36 17	59 38	946	874·0	..	..	294·6	306·6	22nd	280·6	272·2	4th	287·6	..	+1·1	40	[illegible]
549	Seistan	31 0	61 30	610	..	..	..	302·0	316·3	22nd	288·6	279·4	3rd	295·3	..	+1·0	1	[illegible]
550	Quetta	30 11	67 3	1677	831·9	..	- 1·0	297·2	303·8	25th	279·8	276·3	5th	288·5	*288·8*	+0·2	3	[illegible]
551	Peshawar	34 2	71 37	339	970·4	1008·9	- 1·6	303·2	311·8	25th	289·4	284·8	8th	296·3	*296·1*	+0·6	36	[illegible]
551a	Lahore	31 34	74 20	214	982·2	1006·4	- 1·3	307·6	314·2	26th	290·9	285·2	11th	299·2	*299·1*	-1·1	8	[illegible]
552	Simla	31 7	77 8	2204	780·4	..	- 0·6	290·7	295·2	25th	283·6	278·5	19th	287·1	*287·4*	-1·0	42	[illegible]
552a	Leh	34 10	77 42	3503	666·1	..	- 0·2	285·4	290·6	25th	271·6	267·1	12th	278·5	*277·9*	-0·6	5	[illegible]
559	øHankow	30 35	114 17	37·0	1011·3	1015·7	+ 0·2	294·5	308·3	29th	285·4	277·5	4th	289·9	*289·4*	0·0	104	[illegible]
560	øTientsin	39 10	117 10	5·0	1014·9	1015·5	+ 0·2	293·5	307·2	26th	281·3	272·7	3rd	287·4	*287·2*	+1·1	3	[illegible]
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1016·0	+ 0·5	292·8	305·3	28th	282·0	274·6	5th	287·4	286·4	-0·1	125	[illegible]
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1009·3	1017·5	+ 2·2	289·2	295·9	29th	279·7	272·5	5th	284·4	283·7	+1·2	86	[illegible]
562a	Nagasaki	32 44	129 52	133	1000·4	1016·3	+ 0·9	292·1	299·5	30th	282·4	275·5	6th	287·2	286·7	-0·5	239	[illegible]
563	Kyoto	35 1	135 44	42·9	1012·2	1017·4	+ 2·0	292·7	300·2	28th	279·1	273·2	13th	285·9	285·4	+0·2	87	[illegible]
564	Tokyo	35 41	139 46	5·8	1015·8	1016·5	+ 1·1	291·2	296·9	29th	281·8	275·9	18th	286·5	286·5	+1·0	112	[illegible]
565	øHukusima	37 45	140 24	62·0	1009·1	1016·6	+ 1·4	291·1	303·1	28th	277·5	271·9	23rd	284·3	283·7	+0·5	129	[illegible]
566	Miyako	39 38	141 59	30·4	1013·3	1017·1	+ 2·4	285·9	297·5	28th	275·8	272·2	14th,18th	280·9	280·2	-1·0	363	[illegible]
		N.	E.															

APRIL - ZONE 6 (AMERICA, AFRICA). BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1016·9	1017·6	- 2·5	296·0	299·7	29th	289·9	285·2	8th	292·9	*292·5*	+0·1	145	[illegible]
605	Honolulu	21 19	157 52	11·6	1014·7	1016·2	- 1·8	298·7	300·8	6th	293·4	290·8	24th	296·0	*295·9*	+0·2	36	[illegible]
613	Guaymas	27 55	110 53	8·3	1012·8	1013·9	..	300·9	307·0	22nd	289·7	284·5	18th	295·3	*295·0*	-1·8	0	[illegible]
615	Chihuahua	28 38	106 4	1423	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
616	Leon	21 7	101 41	1809	819·7	1006·7	- 1·1	302·4	306·0	21st	283·9	280·4	27th	293·2	*293·5*	-0·9	4	[illegible]
616a	Monterry	25 40	100 18	528	950·7	1009·3	- 1·5	304·2	310·3	18th	291·8	283·8	23rd	298·0	*298·0*	+2·5	12	[illegible]
617	øTulancingo	20 5	98 22	2181	788·7	1008·4	- 0·7	300·1	305·0	17th	282·0	279·0	3rd,4th	291·0	*289·4*	-0·8	19	[illegible]
618	Galveston	29 18	94 50	16·5	1013·0	1015·2	- 0·4	297·8	301·9	30th	293·0	284·1	22nd	295·4	*294·9*	+2·1	66	[illegible]
618a	New Orleans	29 57	90 4	16·2	1014·8	1016·6	+ 0·7	300·0	303·6	10th	291·5	282·4	23rd	295·8	*295·3*	+2·2	379	[illegible]
619	Merida, Yuc.	20 58	89 38	22	1010·4	1012·9	- 1·1	306·2	308·6	19th	294·7	293·0	28th	300·4	*299·9*	+0·7	5	[illegible]
620	Havana	23 7	82 25	77·0	..	1015·5	- 0·6	301·7	304·4	30th	293·4	291·5	11th	297·5	297·3	..	5	[illegible]
620a	Key West	24 33	81 48	6·7	1015·8	1016·6	+ 0·1	301·3	303·6	30th	295·4	293·0	29th	298·4	*297·8*	+1·1	6	[illegible]
621	Nassau, Bahamas	25 5	77 21	7·3	..	1017·5	+ 0·3	302·4	..	..	295·9	..	..	299·2	*299·1*	+2·3	20	[illegible]
622	øWatling Island	24 6	74 26	33·5	1014·5	1018·4	+ 1·2	..	301·9	27th	..	293·6	12th	..	*297·1*	-0·4	..	[illegible]
633	Port Etienne	20 56	17 3	4	..	..	..	300·5	309·0	1st	287·8	284·0	15th	294·1	*292·3*	..	..	[illegible]
634m	Izaña	28 19	16 30	2367	766·9	..	+ 0·3	282·3	288·3	1st	275·1	266·4	13th	278·7	*278·4*	-0·9	155	[illegible]
634	La Laguna	28 28	16 20	547	953·8	1017·4	+ 0·1	292·5	299·2	28th	283·1	277·3	14th	287·8	*287·1*	+0·4	48	[illegible]
636	Adrar	27 38	W. 0 4	285	982·3	1014·8	..	306·6	314·3	29th	287·7	282·1	21st	297·2	*299·2*	..	0	[illegible]
638	Laperrine	22 36	E. 5 26	1350	..	..	..	301·8	307·6	15th	287·5	281·6	2nd	294·7	*296·1*	..	9	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	301·1	306·0	14th	291·8	285·5	1st	296·4	*295·8*	..	0	[illegible]
642	Siwa	29 12	25 29	-23	1016·8	1014·2	..	300·9	307·2	19th	284·2	281·0	2nd,5th	292·6	..	..	0	[illegible]
643	øCairo (Helwan)	29 52	31 20	116	999·4	1012·8	- 0·5	300·2	308·8	20th	286·6	282·3	7th	293·4	*293·5*	-0·6	0	[illegible]
643a	Aswan	24 2	32 53	100	999·8	1011·1	+ 0·2	307·1	317·7	20th	289·9	285·4	6th,8th	298·5	*298·2*	-0·9	..	[illegible]
644	Tor	28 14	33 37	1·9	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. øChange of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N. APRIL - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1008·1	1008·5	..	299·0	307·2	1st	291·7	286·1	13th	295·3	*294·6*	-1·1	0	-12
648	Jask	25 45	57 45	4·0	1007·4	1007·9	..	302·4	308·6	20th	295·2	291·4	14th	298·8	*298·1*	-0·6	6	+ 1
649	Karachi	24 53	66 57	4·0	1008·5	1009·0	- 0·5	301·0	303·9	19th	295·8	294·1	22nd	298·4	*297·7*	-0·9	0	- 4
650	Jacobabad	28 17	68 29	56·7	999·7	1006·2	- 1·4	311·4	316·7	25th	293·9	289·7	17th	302·7	*302·2*	+0·4	1	- 5
651	Jaipur	26 56	75 52	436	959·3	1007·4	- 0·8	310·2	314·4	27th	293·8	291·6	10th	302·0	*301·8*	-1·3	2	- 3
652	Nagpur	21 8	79 5	310	973·3	1007·2	- 0·6	314·0	315·7	16th	298·1	293·4	4th	306·1	*305·9*	+0·8	0	-14
653	Allahabad	25 25	81 51	94·2	995·4	1005·9	- 1·3	312·4	315·7	29th	294·9	292·2	1st	303·7	*303·4*	0·0	1	- 3
653a	Darjeeling	27 3	88 15	2265	774·2	..	- 1·3	290·6	294·3	23rd	282·7	280·3	11th	286·7	*287·0*	+0·6	159	+61
654	Calcutta	22 36	88 23	6·4	1006·0	1006·8	- 1·5	309·4	312·2	6th	298·3	294·2	24th	303·8	*303·3*	+0·8	53	+ 5
655	Gauhati	26 8	91 41	59·7	1001·8	1008·6	- 1·6	303·2	307·2	21st	292·3	290·1	7th	297·8	*296·7*	0·0	121	-47
655m	Cherrapungi	25 15	91 42	1313	866·6	..	- 1·6	294·6	297·4	4th	288·2	284·6	5th	291·4	*290·8*	+0·8	959	+243
655a	Akyab	20 11	92 56	6·1	1008·6	1009·3	- 1·2	304·0	307·4	26th	297·0	292·7	11th	300·5	*300·2*	-1·0	45	- 8
656	Mandalay	21 59	96 0	76·2	1000·0	1008·4	- 0·7	310·9	315·0	24th	297·9	294·3	2nd	304·4	*303·9*	-0·9	10	-18
656a	Tengyueh	25 2	98 33	1626	835·7	1009·8	..	293·9	297·4	..	281·9	278·6	..	287·9	*287·5*	-0·5	141	+68
657	Phu Lien	20 48	106 38	116	997·1	1010·7	+ 0·2	298·2	305·0	26th	292·2	289·6	5th	295·2	294·5	-1·0	36	-35
658	Moncay	21 31	107 51	9·0	1009·9	1011·0	+ 0·1	298·3	305·1	13th	292·0	288·8	4th	295·1	*295·3*	-0·6	62	-40
659	Hongkong	22 18	114 10	33·2	..	1012·1	- 0·5	295·0	301·7	13th	290·8	287·2	5th,6th	292·9	292·6	-1·6	181	+37
661	øTaihoku, Formosa	25 2	121 31	9·3	1012·7	1013·8	- 0·3	296·4	304·4	20th	289·7	285·1	21st	293·0	292·5	-1·1	196	+25
661a	øBasco	20 28	121 59	18·7	..	1010·7	- 0·4	300·9	304·6	14th	295·8	293·7	5th	298·3	298·0	-1·0	211	+106
662	Naha	26 13	127 41	8·2	1013·2	1014·2	- 0·3	296·2	298·8	30th	289·4	283·7	6th	292·8	292·7	-1·2	42	-121
665	øTitizima (Bonin Islands)	27 5	142 11	4·1	1014·0	1014·5	- 1·3	295·7	298·3	25th	289·9	285·2	8th	292·8	292·4	-1·1	108	-12
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N. APRIL - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	955·6	1011·2	+ 0·2	306·0	307·8	8th	289·7	286·6	16th	297·8	*296·8*	-0·7	0	0
716	Morelia	19 42	101 7	1923	808·9	1007·7	+ 0·4	298·5	301·7	19th	284·6	280·9	27th	291·6	*291·5*	-0·3	10	0
717	øMexico, Tacubaya	19 24	99 12	2309	774·1	..	- 0·1	299·5	304·0	17th	281·1	279·1	28th	290·3	289·7	-0·1	23	+ 3
718	øSalina Cruz	16 12	95 12	56	1004·1	1010·5	- 1·0	303·1	308·4	3rd	297·3	294·5	25th	300·2	*300·6*	+0·1	0	- 7
719	San Salvador	13 42	89 13	682	936·8	1012·1	+ 0·3	306·7	310·8	3rd,4th	291·1	287·6	23rd	298·9	*297·0*	-0·3	67	+ 9
720	øBelize	17 31	88 11	5·2	1013·0	1013·6	+ 0·1	..	..	..	296·6	293·0	23rd,24th	..	‡*299·4*	+0·2	29	-28
721	øJamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·8	0·0	304·1	305·6	1st	294·8	292·8	4th	299·4	*299·4*	+0·8	28	-46
722	Port au Prince	18 33	72 20	37·4	1009·8	1014·1	- 0·6	304·6	308·5	30th	295·0	292·8	15th	299·8	*299·2*	+0·1	76	-88
723	Caracas	10 30	66 56	1042	898·1	1012·1	- 1·0	297·8	301·0	29th	288·8	286·9	1st,8th	293·3	*292·8*	-0·3	107	+67
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·4	1014·2	- 1·5	299·8	303·6	27th	295·3	293·0	15th	297·6	*297·3*	-0·2	140	+42
724a	Grenada (Richmond Hill)	12 5	61 46	188	990·3	1011·8	- 1·1	302·2	303·6	23rd,24th	296·3	294·7	14th,15th	299·3	*298·9*	+0·2	161	+106
725	øBarbados	13 8	59 36	55·2	..	1012·8	- 1·5	302·4	303·7	29th	295·5	294·7	27th	298·9	*298·8*	0·0	125	+85
731	São Vicente, C. Verde Is.	16 54	25 4	11	1010·7	1011·9	- 2·6	296·4	300·0	4th	291·7	289·5	15th	294·1	*294·5*	-0·5	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·5	1014·3	0·0	299·6	305·0	27th	293·3	291·6	21st	296·5	*296·8*	+0·2	0	- 1
733	Dakar	14 40	17 26	32	1006·1	1009·8	..	297·6	308·3	5th	291·9	290·4	20th	294·7	*295·7*	-1·3	..	..
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·4	310·8	1st	292·4	287·4	9th	297·4	*297·2*	-0·3	0	..
735	Niénébalé	12 57	7 26	300	..	..	..	311·5	313·2	30th	294·7	289·9	3rd	303·1	*302·2*	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	311·4	315·0	29th	296·2	291·8	1st	303·8	*303·3*	-0·9	1	- 1
737	øSokoto	13 2	E. 5 14	353	..	..	..	314·1	316·3	6,12,15	298·2	294·1	3rd,11th	306·2	*305·8*	+0·1	15	+ 5
738	Kaduna Capital	10 32	7 25	?637	..	..	..	307·2	309·7	5,8,10	..	..	..	..	‡*300·9*	+1·0	71	- 7
739	Hadeija	12 40	10 5	?	..	..	..	314·0	315·8	sev. dates	..	..	..	..	‡*306·3*	-0·1	0	- 7
740	øMaiduguri	11 47	13 11	361	..	..	..	315·7	319·1	19th,28th	296·7	291·3	9th	306·2	*305·8*	0·0	2	- 8
741	El Fasher	13 32	25 18	730	926·7	1007·1	..	310·3	314·5	21st	290·6	286·0	11th	300·4	*300·0*	..	0	0
743	El Obeid	13 11	30 14	563	945·2	1007·9	+ 0·6	310·8	316·5	22nd	291·3	287·0	9th	301·0	*300·2*	-1·5	0	- 1
743a	øKhartoum	15 37	32 33	390	963·9	1007·0	+ 0·7	311·2	317·1	21st,22nd	293·9	288·9	8th	302·6	*303·0*	-1·2	0	0
744	Port Sudan	19 37	37 13	5·5	1008·8	1009·5	- 0·4	303·4	306·5	30th	293·6	289·5	10th	298·5	*298·5*	-0·8	0	- 1
745	øBerbera, Somaliland	10 22	45 2	13·8	1007·4	1009·0	- 1·4	303·5	306·9	30th	298·1	294·1	16th,18th	300·8	*300·6*	-0·6	47	+35
746	Aden	12 45	45 3	28·7	1007·3	1010·6	- 0·9	303·5	307·7	8th	297·9	294·7	16th	300·7	*299·7*	-0·8	98	+94
751	Bombay	18 54	72 49	11·3	1008·6	1010·0	- 0·8	304·4	306·4	5th	297·7	296·0	6th	301·1	300·3	-0·3	0	- 1
752	Kodaikanal	10 14	77 28	2343	771·6	..	- 0·1	294·5	297·1	19th	285·3	283·1	1st	289·9	*289·1*	+0·7	141	+33
752a	Bangalore	12 59	77 38	921	909·7	1008·6	- 0·4	309·2	310·9	16th	294·6	291·8	4th	301·9	*301·1*	+1·5	4	-30
753	Madras	13 4	80 14	6·7	1008·2	1009·0	- 1·1	307·8	311·2	17th,31st	299·1	295·6	2nd	303·4	*302·9*	+1·0	0	-13
754	Vizagapatam	17 42	83 19	11·6	1007·1	1008·4	- 1·2	305·3	306·7	18th	300·1	298·1	2nd	302·7	*302·1*	0·0	0	-18
755	Port Blair	11 40	92 40	18·0	1007·9	1009·9	- 0·9	305·1	306·7	30th	298·6	297·2	12th	301·8	*301·2*	-0·8	109	+46
756	Rangoon	16 46	95 48	5·5	1009·7	1010·3	- 0·4	308·3	310·8	22nd	297·2	295·1	1st	302·7	*301·4*	-0·9	79	+38
757	Saigon	10 47	106 42	11	1007·8	1009·0	- 0·1	307·1	308·7	21st	297·3	295·4	23rd	302·2	*301·6*	-0·6	20	-21
758	Nhatrang	12 15	109 12	3·6	1008·7	1009·1	- 0·8	303·9	305·9	23rd	296·1	294·4	2nd	300·0	*299·5*	-0·3	6	-13
759	Bolinao	16 23	119 53	2	..	1008·5	- 0·4	306·2	309·0	19th	296·9	295·6	8th	301·5	*301·5*	-0·1	100	+65
761	øVigan	17 34	120 23	12·2	..	1008·6	- 0·5	305·4	307·0	27th,29th	297·2	295·0	4th	301·3	301·1	-0·2	0	-17
761a	Manila	14 35	120 59	14·2	..	1009·3	- 0·6	307·9	310·0	14th	296·4	293·4	1st	302·1	301·2	+0·1	76	+44
762	øOrmoc	11 0	124 36	5·6	..	1008·2	- 0·6	306·2	308·1	16th,17th	295·4	293·5	15th,16th	300·8	*300·3*	+0·8	39	-36
765	øGuam, Ladrone Is.	13 24	144 38	18·6	..	1008·5	- 0·9	304·4	305·8	30th	297·5	294·8	5th	300·9	*301·1*	+0·9	105	+54
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111. øChange of normals, see pages 110 and 111.

APRIL - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ' N.	° ' W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·0	1010·7	- 0·1	..	..	..	299·3	295·2	1st	..	‡*301·3*	+0·2	77	[illegible]
821	øCristobal (Colon)	9 23	79 54	11·0	..	1011·0	- 0·2	304·1	305·2	14th	297·7	295·8	19th	300·9	300·4	+0·9	176	[illegible]
822	Bogota	4 36	74 5	2645	746·2	..	..	291·9	294·0	12th	283·0	280·0	23rd	287·5	*287·0*	..	96	[illegible]
822a	Merida, Venez.	8 36	71 9	1641	‡ 841·5	..	+ 0·1	295·8	298·9	30th	287·9	285·5	20th	291·8	*290·6*	-1·2	170	[illegible]
823	Ciudad Bolivar	8 9	63 33	38	1005·8	1010·1	..	305·4	307·0	27th,28th	296·8	294·3	13th	301·1	*300·5*	-0·5	80	[illegible]
824	El Peru, Guayanavieja	7 19	61 49	220	984·9	1009·8	- 1·0	303·3	305·2	29th	294·9	293·6	15th,25th	299·1	*298·5*	0·0	208	[illegible]
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·2	- 1·4	303·1	304·1	16,17,25	297·4	295·2	19th	300·3	*299·7*	+0·5	70	[illegible]
826	Paramaribo	5 49	55 9	3·7	..	1011·4	- 1·5‡	304·7	306·3	17th	294·9	292·9	29th	299·8	*299·6*	+0·7	162	[illegible]
826a	Cayenne	4 56	52 21	6	..	..	..	302·3	303·5	24th	297·1	292·5	22nd	299·7	*298·7*	0·0	237	[illegible]
831	10°-5° N. 30°-25° W.	††7 4	††27 4	§(121-135)	..	1012·6	+ 0·4	..	..	Sea Temp. 299·3 +0·4	..	..	..	..	299·0	+0·2	..	[illegible]
833	Konakri	9 31	13 43	16	1009·9	1011·7	+ 1·6	304·7	306·5	25th	296·2	294·0	14th	300·5	*301·9*	-1·0	69	[illegible]
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·0	1010·9	+ 0·1	304·2	305·8	5th,29th	296·9	294·1	6th	300·6	*299·7*	-0·4	175	[illegible]
835	Assuantsi	5 18	1 15	101	..	..	..	304·1	306·3	10th	295·0	293·6	15th,16th	299·6	*299·0*	0·0	174	[illegible]
836	Accra	5 33	W. 0 12	16·0	1007·7	1009·6	- 0·1	303·3	304·9	22nd	297·1	294·9	16th	300·2	*299·8*	-0·5	36	[illegible]
837	Lagos	6 27	E. 3 24	3·0	1007·3	1007·6	- 1·8	304·1	305·9	14th	298·0	295·2	22nd	301·1	*300·4*	-0·1	86	[illegible]
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	100	[illegible]
839	Yola	9 12	12 30	259	..	..	..	310·4	313·0	5th	..	..	..	..	‡*302·5*	-0·6	18	[illegible]
841	øWau	7 42	28 3	440	..	..	..	..	..	..	294·9	291·5	2nd,11th	..	*301·7*	+0·1	40	[illegible]
843	Malakal (Kodok)	9 35	31 37	394	963·9	1007·4	+ 0·9	312·6	314·7	18,21,25	295·5	292·4	12th	304·0	*303·2*	+0·3	5	[illegible]
843a	øMongalla	5 11	31 47	448	957·2	1007·5	- 1·0	309·0	313·1	20th	295·6	293·5	sev. dates	302·3	*300·4*	+0·2	49	[illegible]
844	øEntebbe	0 5	32 29	1171	883·9	1009·9	+ 0·4	300·3	300·8	sev. dates	290·6	288·6	16th	295·5	*294·4*	+0·1	169	[illegible]
851	Minicoy	8 17	72 49	2·1	1009·9	1010·1	- 0·5	304·9	306·6	18th	298·7	295·6	24th	301·8	*301·2*	..	40	[illegible]
851a	Cochin	9 58	76 21	2·7	1009·8	1010·1	- 0·3	304·7	305·7	26th	299·9	295·2	30th	302·3	*301·7*	-0·1	39	[illegible]
852	Colombo Observatory	6 54	79 52	7·3	..	1008·5	- 0·1	304·6	306·0	20th	297·1	295·1	27th	300·9	*300·3*	-0·3	279	[illegible]
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	295·1	297·2	13th	281·4	274·4	13th	288·2	*287·2*	-0·6	104	[illegible]
854	Trincomalee	8 35	81 15	30·2	..	1007·6	- 0·3	306·6	309·1	20th	298·2	296·9	29th	302·4	*301·8*	-0·2	107	[illegible]
855	Kuta Raja	5 32	95 20	7·1	..	1008·5	- 1·4	..	..	..	..	..	..	..	..	..	161	[illegible]
856	Medan	3 35	98 41	25·0	..	1008·3	- 0·6	303·9	305·9	14th	296·4	295·0	8th	300·1	299·6	+0·3	296	[illegible]
857	Penang	5 34	100 20	5·0	1009·1	1009·6	- 0·7	306·9	308·0	19th	295·7	294·4	5th	301·3	*300·6*	+0·1	312	[illegible]
858	øSingapore	1 18	103 51	10·9	1007·8	1009·0	- 0·2	303·8	306·1	15th	296·7	295·5	21st	300·3	*299·8*	-0·3	274	[illegible]
859	Sandakan	5 50	118 7	31·7	..	..	..	304·6	305·8	11th,12th	297·4	296·9	sev. dates	301·0	*300·5*	+0·1	87	[illegible]
860	Iwahig	9 44	118 38	14·3	..	1008·2	- 0·2	306·7	307·8	14th	..	..	..	..	*300·6*	+0·3	79	[illegible]
861	Tagbilaran	9 38	123 51	21·3	..	1007·9	- 1·2	305·6	307·0	18th	296·7	294·2	1st	301·1	300·6	+0·6	25	[illegible]
861a	Menado	1 30	124 50	8·5	..	1008·1	- 1·1	303·9	305·4	10th	295·9	294·8	2nd	299·9	299·5	+0·4	188	[illegible]
862	Surigao	9 48	125 29	6	..	1009·0	- 0·4	303·1	304·9	30th	296·9	295·7	1st,6th	300·0	299·8	+0·2	197	[illegible]
863	øKolonie, Yap	9 29	138 8	29·3	..	1008·7	0·0	303·6	305·9	12th,15th	298·4	297·0	7th	301·0	300·4	+0·2	127	[illegible]
		N.	E.															

APRIL - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

		S.	W.															
924	Manaos	3 8	60 1	43·8	..	..	..	303·0	305·6	25th	295·2	293·8	13th	299·1	*298·8*	-0·5	261	[illegible]
926	Taperinha	2 30	54 20	21·5	1008·8	1011·1	- 0·3	302·9	304·8	29th	295·3	294·9	20th	299·4	*298·2*	+0·4	464	[illegible]
927	Turyassu	1 43	45 26	9·1	1009·2	1010·4	- 0·2	304·5	306·8	17th	294·6	293·3	2nd	299·6	*298·4*	+0·2	458	[illegible]
928	Barra do Corda	5 30	45 16	81·0	999·5	1008·8	- 1·4	304·4	307·4	1st	295·1	293·9	15th	299·8	*298·3*	+0·2	90	[illegible]
929	Quixeramobim	5 16	39 15	207	988·2	1011·5	+ 0·2	301·9	303·5	27th	296·3	295·4	16th,30th	299·1	*299·5*	-0·5	270	[illegible]
930	Fernando Noronha	3 50	32 25	106	999·2	1011·1	- 0·3	301·6	302·6	22nd,24th	295·9	294·9	19th	298·8	*299·0*	-0·2	252	[illegible]
930a	5°-10° S. 35°-30° W.	††7 11	††33 25	§(56-60)	..	1013·2	..	..	..	Sea Temp. 300·8 +0·2	..	..	..	..	300·0	..	..	[illegible]
930b	0°-5° S. 35°-30° W.	††2 27	††31 1	§(36-39)	..	1013·6	..	..	..	300·7 0·0	..	..	..	..	300·4	..	..	[illegible]
934	øAscension Island	7 55	W. 14 24	16·8	1010·6	1012·4	- 0·5	303·1	305·2	6th	297·1	295·2	20th	300·1	*299·5*	0·0	44	[illegible]
939	Loanda	8 49	E. 13 13	51	..	1009·6	- 1·0	302·7	304·8	30th	297·0	294·8	22nd	299·9	299·4	+0·5	107	[illegible]
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
943	Masaka	0 20	31 44	?1280	..	..	..	298·9	301·3	4th,8th	290·4	289·1	2nd,3rd	294·7	*294·4*	+1·7	83	[illegible]
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	299·1	301·3	4th	286·3	283·0	13th,27th	292·7	..	..	88	[illegible]
944a	Zanzibar	6 10	39 11	17·1	1010·7	1012·7	- 0·5	302·7	304·6	8th	298·7	297·2	12th	300·7	*300·1*	+0·5	269	[illegible]
945	Lamu	2 16	40 50	3·0	..	..	..	304·7	305·2	sev. dates	299·1	297·4	15,20,30	301·9	*301·5*	+0·8	187	[illegible]
947	Seychelles, Port Office	4 37	55 27	4·6	1009·8	1010·3	- 0·3	304·4	305·4	9th	297·4	296·6	2nd	300·9	*300·2*	+0·8	133	[illegible]
957	Padang	0 56	100 22	6·7	..	1009·6	- 0·6	303·0	304·3	15th	296·9	295·4	7th	299·9	299·6	-0·1	450	[illegible]
958	Batavia	6 11	106 50	8·0	1008·1	1009·0	- 0·3	304·0	305·2	17th,18th	296·7	295·7	25th	300·4	299·7	+0·3	173	[illegible]
958a	øPontianak	0 1	109 20	2·6	..	1008·5	- 1·2	304·3	307·1	10th	296·6	295·3	19th	300·5	299·4	-0·3	370	[illegible]
959	Pasuruan	7 38	112 55	5·0	..	1009·0	- 0·5	304·6	305·6	30th	297·1	295·6	18th	300·9	300·4	+0·6	147	[illegible]
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	217	[illegible]
962	øAmboina	3 42	128 10	4·2	..	1008·4	- 0·5	302·8	304·5	16th	296·8	295·5	12th	299·8	299·3	0·0	296	[illegible]
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	190	[illegible]
965	øDaru	9 4	143 13	7·6	..	..	..	302·6	..	..	296·9	..	..	299·7	*299·3*	-0·2	210	[illegible]
966	øPort Moresby	9 29	147 9	38·4	..	1008·8	- 1·1	303·6	..	..	297·7	..	..	300·7	*300·3*	+0·3	114	[illegible]
967	Rabaul	4 9	152 12	12·5	..	1008·4	+ 0·2	305·4	308·1	17th	296·0	294·6	26th	300·7	*300·1*	+0·1	265	[illegible]
969	øTulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
970	Ocean Island	0 52	169 35	39·6	1005·6	1010·2	0·0	305·8	306·9	26th	298·8	297·4	15th	302·3	*301·6*	+1·2	1	[illegible]
		S. ° '	E. ° '	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See Remarks page 111. ††Mean latitude and longitude of the observations. §Number of observations. øChange of normals, see pages 111,112 and 1[illegible]

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

APRIL - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ' S.	° ' W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	øApia, Samoa	13 48	171 46	2	..	1009·8	0·0	302·9	304·3	12th	296·6	294·7	22nd	299·8	299·7	+0·2	271	+13
1003	øAlofi, Niue Island	19 2	169 55	27·4	..	1012·7	- 1·0	302·9	305·8	10th	294·8	291·3	21st	298·8	*298·5*	0·0	158	-40
1022	Tacna	18 0	70 18	560	..	..	..	299·7	301·0	sev. dates	287·2	286·0	sev. dates	293·5	*292·0*	-0·2	0	- 2
1025	Corumba	18 59	57 39	116	999·1	1012·3	+ 1·5	302·9	308·4	8th	292·8	286·2	2nd	297·8	*297·0*	-1·1	151	+50
1026	Cuyaba	15 36	56 6	165	992·6	1011·2	+ 1·1	304·6	308·2	5th,7th	294·8	290·2	2nd	299·7	*298·2*	-0·1	88	-14
1027	Bello Horizonte	19 55	43 57	895	915·6	1014·2	+ 0·7	300·7	304·8	2nd	289·5	284·8	29th,30th	295·1	*294·1*	+0·6	45	-15
1028	Caetite	14 3	42 37	897	916·0	1014·7	+ 0·9	299·1	302·8	24th	289·8	287·0	28th	294·4	*294·0*	-1·4	30	-31
1029	Ondina (Bahia)	13 0	38 31	46·6	1007·2	1012·6	- 0·3	301·6	303·0	3rd	296·3	293·8	26th	299·0	*299·0*	+0·3	176	-113
1030	Aracaju	10 55	37 3	6·1	1013·1	1013·9	+ 0·5	302·0	302·7	5,6,7	296·5	293·0	27th	299·2	*299·1*	..	72	..
1030a	15°-20°S. 40°-35°W.	††17 29	††38 10	§(72-76)	..	1015·5	..	..	..	Sea Temp. 300·0 +0·2	..	..	..	..	299·3	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 44	††36 30	§(61-64)	..	1014·6	..	..	..	300·4 +0·2	..	..	..	..	300·0	..	..	..
1035	St. Helena	15 57	W. 5 40	579	946·2	1012·6	- 0·2	292·4	295·2	4th	288·8	287·4	1st,29th	290·6	*291·0*	-0·9	85	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	906·6	1012·2	..	304·1	307·1	3rd	288·2	283·8	30th	296·2	..	..	9	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	300·2	303·4	4th	..	..	..	..	..	..	40	- 4
1042	Gwelo	19 26	30 2	1411	..	..	..	299·8	304·7	1st	284·6	281·3	29th	292·2	..	+0·7	20	+ 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	854·1	1013·9	- 0·9	297·4	299·9	2nd	285·7	280·2	28th	291·6	290·6	-0·1	60	+35
1044	øZomba	15 23	35 18	955	907·7	1012·9	- 0·5	298·8	301·3	25th,26th	288·2	281·3	29th	293·5	*293·2*	-0·2	181	+68
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	864·1	1011·9	- 1·0	297·5	300·2	6th	287·3	283·8	29th	292·4	291·7	+0·4	169	+119
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·3	1013·0	+ 0·2	302·6	305·8	21st	297·8	295·7	14th	300·2	*299·8*	-0·2	431	+183
1057	Christmas Island	10 25	105 43	5·5	1007·2	1007·8	- 0·2	304·0	305·8	9th	297·7	296·3	22nd,23rd	300·8	*300·2*	0·0	201	- 1
1061	Kupang	10 10	123 34	45·1	..	1010·3	+ 0·4	305·4	307·1	28th	295·0	293·1	29th	300·2	299·6	+0·2	7	-57
1061a	Derby	17 18	123 40	16·2	1010·0	1011·8	+ 0·4	308·1	311·1	10th	292·4	287·6	23rd	300·3	..	-1·3	0	-40
1062	Hall's Creek	18 13	127 46	373	970·8	1012·5	+ 0·2	304·9	307·1	5th,11th	286·0	281·0	22nd	295·4	*294·9*	-3·1	2	-19
1063	Darwin	12 28	130 51	29·6	1005·2	1008·6	- 0·5	306·6	307·8	16th,28th	297·1	295·3	23rd,25th	301·8	*300·6*	-0·1	24	-80
1064	Daly Waters	16 16	133 23	211	986·6	1009·9	- 0·7	306·8	309·7	8th	290·5	284·1	23rd	298·7	*298·2*	-1·3	16	- 9
1065	øMein	13 13	142 47	122	994·3	1008·1	- 1·0	302·9	305·8	17th	293·8	290·5	6th	298·3	*297·7*	-0·8	166	+87
1066	øGeorgetown, Queensland	18 22	143 32	302	977·2	1011·1	- 0·9	305·1	306·4	14th	290·8	284·7	19th	297·9	..	-0·7	0	-32
1066a	Willis Island	16 18	149 59	8·5	1007·9	1008·9	..	301·4	302·6	16th	297·5	295·4	15th	299·4	*299·6*	..	359	..
1067	Samarai	10 37	150 40	6·1	..	1009·0	- 0·6	303·4	..	..	297·4	..	..	300·4	*300·1*	+0·6	145	-111
1072	Suva, Fiji	18 8	178 26	6·1	1009·8	1010·4	0·0	304·1	305·8	7th,13th	296·6	294·7	21st,23rd	300·3	*300·0*	+1·4	266	-44
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

APRIL - ZONE 11 (AMERICA, AFRICA).

		S.	W.															
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	302·6	304·7	15th,16th	294·8	292·7	21st	298·7	*298·4*	+1·0	144	-52
1121	øPunta Tortuga, Coquimbo	29 56	71 21	27	1012·7	1015·9	+ 0·3	290·2	293·1	17th	285·5	283·8	1st,30th	287·9	*287·7*	0·0	0	- 1
1122	Iquique	20 12	70 11	9	1013·2	1014·3	0·0	294·7	296·8	16th	284·8	283·1	29th	289·7	*291·5*	+0·1	0	0
1123	øCatamarca	28 27	65 47	510	953·8	1011·7	+ 0·1	301·0	308·0	6th	285·9	275·2	2nd	293·5	*292·5*	-0·9	1	-17
1124	Salta	24 46	65 28	1182	883·4	1013·1	+ 1·4	296·1	303·7	9th	284·6	276·4	3rd	290·3	*289·9*	-0·7	31	0
1125	Goya	29 9	59 15	26	1012·0	1015·0	+ 2·3	301·5	310·4	7th	288·2	280·6	25th	294·9	*294·5*	+1·7	55	-64
1126	Asuncion	25 17	57 41	93	1005·9	1016·8	+ 3·4	301·5	312·0	8th	291·1	282·6	2nd	296·3	*295·6*	+0·6	110	-36
1127	Curityba	25 25	49 17	908	915·9	1017·1	+ 1·1	296·5	303·3	7th	287·1	282·3	16th	291·8	*290·4*	+0·7	93	+15
1128	Rio de Janeiro	22 54	43 10	18·3	1008·8	1011·0	- 3·8	300·2	302·8	6th	293·7	289·7	26th	297·0	296·9	+0·4	117	+11
1128a	25°-30°S. 50°-45°W.	††27 21	††47 34	§(60-64)	..	1015·9	..	..	..	Sea Temp. 296·6 +0·2	..	..	..	..	297·0	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 42	††42 11	§(48)	..	1017·5	..	..	..	298·0 +0·1	..	..	..	..	298·1	..	..	..
			W.															
1139	Windhoek	22 34	E. 17 5	1669	835·9	1012·4	..	296·7	298·7	8th	286·6	283·4	24th	291·6	*291·1*	-0·3	86	+47
1140	O'Okiep	29 36	17 52	933	911·3	1014·8	- 0·4	298·2	305·4	5th	286·9	279·1	25th	292·6	*292·0*	+0·7	28	+12
1141	Kimberley	28 42	24 47	1202	884·7	1016·4	+ 0·3	299·1	301·9	6th	283·9	276·8	27th	291·5	291·0	+0·8	16	-19
1141a	Johannesburg	26 11	28 4	1806	825·7	1017·9	+ 0·1	294·3	297·8	14th	282·7	274·7	26th	288·5	*288·2*	-0·1	46	+ 2
1142	øBulawayo	20 9	28 35	1349	870·0	1015·7	- 0·4	298·7	302·8	2nd, 25th	286·2	280·9	28th	292·4	*291·7*	+0·6	1	-18
1143	Durban	29 52	31 3	15·2	1017·1	1018·9	+ 0·1	299·7	302·2	10th	292·2	287·1	28th	295·9	*295·3*	+1·1	19	-67
1144	Lourenço Marques	25 58	32 36	59	..	1017·6	0·0	301·9	307·1	24th	291·7	287·3	28th	296·8	296·2	+0·4	4	-43
1147	Mauritius	20 6	57 33	55·2	1007·6	1014·0	0·0	300·2	301·5	19th	294·6	292·7	30th	297·4	297·1	0·0	91	-23
		S. ° '	E. ° '	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ††Mean latitude and longitude of the observations. §Number of observations. øChange of normals, see pages 113 and 114.

APRIL - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1011·4	1011·8	- 0·2	306·4	313·1	4th	292·3	287·3	26th	299·3	..	-0·4	3	-20
1160	Cue	27 27	117 52	454	965·4	1016·2	+ 1·1	303·2	309·7	1st	289·0	281·8	28th	296·1	..	+0·5	2	-17
1161	Nullagine	21 53	120 5	386	971·3	1014·3	+ 1·5	303·9	308·2	4th	286·1	279·4	27th	295·0	..	-3·1	0	-26
1162	Laverton	28 40	122 23	466	966·8	1019·6	+ 2·0	300·3	306·9	3rd	286·0	280·2	29th	293·1	*293·1*	-0·6	0	-23
1163	Alice Springs	23 38	133 37	587	950·0	1016·1	+ 0·5	299·2	304·1	5th	283·2	276·9	28th	291·2	*291·6*	-1·9	0	-23
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	995·6	1012·4	- 1·0	303·4	307·6	12th	289·1	284·1	27th	296·2	*296·4*	-0·4	0	-20
1165	∮Thargomindah	27 58	143 43	123	1000·5	1014·7	- 1·5	300·7	306·5	14th	286·6	280·3	27th	293·7	*293·6*	-1·1	0	-20
1166	∮Mitchell	26 32	147 52	336	976·3	1014·3	- 1·8	300·0	303·8	13th	283·5	275·9	26th	291·8	..	-0·6	16	-4
1167	∮Rockhampton	23 24	150 30	11·3	1011·7	1013·2	- 2·3	301·2	304·7	17th	290·6	285·9	26th	295·9	..	-0·8	52	-41
1168	∮Brisbane	27 28	153 2	41·8	1010·7	1015·1	- 2·5	298·9	302·4	17th	289·4	285·9	26th	294·2	*293·3*	-0·1	53	+13
1170	∮Norfolk Island	29 4	167 59	15·2	1015·4	1017·2	0·0	297·2	301·3	7th	291·4	286·9	26th,30th	294·3	*293·9*	+0·7	238	+130
		S.	E.															

APRIL - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1221	Juan Fernandez	33 37	78 50	345	978·2	1018·8	..	291·4	295·8	8th	..	..	..	..	*287·9*	..	79	..
1221a	Punta Tumbes	36 37	73 6	120	1002·7	1017·2	+ 1·3	..	..	..	..	..	..	..	..	..	27	..
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1011·1	1016·0	+ 0·6	293·1	299·0	2nd	283·4	281·0	2nd	288·3	*287·5*	-0·6	0	-2
1222a	Santiago	33 27	70 42	520	955·0	1015·2	0·0	297·4	301·8	16th	280·0	277·4	1st	288·7	*287·7*	+1·3	1	-2
1223	Cordoba	31 25	64 12	423	965·8	1014·6	+ 0·5	299·3	305·6	9th	282·6	275·5	2nd	290·9	290·2	+0·5	27	-4
1224	Bahia Blanca	38 45	62 15	25	1010·9	1014·0	- 0·5	296·8	303·0	8th	283·2	276·2	23rd	290·0	*289·8*	+1·5	9	-4
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·9	1016·8	+ 0·8	295·4	304·2	6th	285·1	278·7	16th	290·3	290·0	+0·7	100	+11
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	..	..	..	300·0	6th	..	282·0	25th	..	*291·2*	+0·1	190	+7
1226a	Porto Alegre	30 2	51 13	23·5	1014·6	1017·4	+ 1·4	298·3	308·9	6th	288·3	281·6	17th	293·3	292·9	-0·5	167	+7
1226b	30°-35° S. 55°-50° W.	††32 58	††51 53 W.	§(54-55)	..	1016·6	..	..	..	Sea Temp. 294·6|+1·2	..	..	..	..	294·2	..	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1014·9	1016·4	+ 0·3	297·7	311·2	3rd	286·0	280·9	27th	291·9	*290·1*	+1·6	34	-3
1240	Danger Point	34 37	19 18	27·7	1012·6	1015·9	+ 0·1	291·8	296·3	30th	286·6	283·0	18th	289·2	..	-0·2	21	-3
1241	Riversdale	34 6	21 16	61·0	..	..	..	299·0	308·9	3rd	283·9	277·4	27th	291·4	..	0·0	17	-3
1242	East London	33 2	27 55	44·8	1012·0	1017·3	+ 0·4	296·8	304·1	22nd	288·3	283·0	28th	292·6	..	+0·8	11	-3
1259	Perth (Observatory)	31 57	115 51	60·0	1011·3	1018·4	0·0	300·1	307·3	1st	288·6	284·7	30th	294·3	*294·1*	+2·0	34	-1
1260	Katanning	33 42	117 35	310	982·8	1018·8	+ 0·1	298·3	305·6	9th	284·3	280·6	6th	291·3	..	+2·0	19	-2
1261	Coolgardie	30 57	121 10	423	971·5	1019·7	+ 1·2	299·8	307·4	10th	284·8	281·1	28th	292·3	*292·3*	+1·0	6	-2
1262	Eucla	31 45	128 58	4·6	1020·4	1021·0	+ 2·2	294·8	305·2	27th	286·4	280·5	30th	290·7	*290·2*	-1·1	1	-2
1263	Streaky Bay	32 48	134 13	13·1	1020·2	1021·6	+ 1·5	296·3	301·9	4th	283·9	280·4	23rd	290·1	*289·5*	-0·7	2	-2
1264	Adelaide	34 56	138 35	42·7	1016·4	1021·4	+ 1·4	295·3	303·7	4th	284·2	280·0	17th	289·8	*289·4*	-0·9	4	-2
1265	Melbourne	37 49	144 58	35·1	1016·1	1020·4	+ 0·9	291·5	300·8	4th	283·3	279·4	28th	287·4	*287·1*	-0·9	14	-2
1266	Bourke	30 13	145 58	110	1005·7	1018·5	- 0·6	299·8	305·8	6th,12th	284·6	278·0	27th	292·2	..	-1·1	2	-2
1267	Sydney	33 51	151 13	42·1	1011·7	1016·6	- 1·8	294·1	301·9	10th	286·9	281·4	23rd	290·5	*289·8*	-0·7	472	+33
1268	∮Lord Howe Island	31 20	159 0	4·6	1015·7	1016·2	- 2·4	296·0	298·3	19th	289·8	283·5	28th	292·9	..	-0·4	211	+7
1271	Auckland	36 50	174 50	38·1	..	1015·7	- 2·7	291·3	294·1	15,23,24	285·6	278·0	30th	288·5	..	-0·7	100	+2
1272	Napier	39 29	176 55	1·5	..	..	..	291·9	297·2	18th,23rd	282·1	274·9	27th	287·0	..	-0·9	37	-2
		S.	E.															

APRIL - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	997·4	1014·3	+ 0·2	285·6	287·1	17th	280·4	277·9	6th	283·0	*283·7*	+0·2	175	+6
1322	Punta Galera	40 1	73 44	40	1012·3	1017·1	+ 1·1	287·5	288·6	27th	282·6	279·8	15th	285·1	*285·5*	+0·3	134	+3
1323	∮Sarmiento	45 34	69 0	272	974·7	1006·9	- 3·4	290·4	297·7	25th	280·8	276·2	27th	285·6	*285·1*	+1·5	10	-1
1324	∮Puerto Madryn	42 49	W. 64 58	14	1007·7	1009·4	- 2·2	296·3	307·6	2nd	280·7	274·4	15th	288·5	*288·9*	+1·8	4	-1
1365	Launceston	41 27	E.147 10	10·1	1016·3	1017·5	+ 1·7	291·8	296·1	1st	279·8	271·6	11th	285·8	*285·0*	-0·1	2	-1
1366	Hobart	42 53	147 20	53·9	1011·2	1017·7	+ 3·0	288·8	294·3	5th	281·4	274·7	11th	285·1	*284·3*	-0·8	13	-1
1370	Invercargill	46 25	168 21	3·7	..	..	..	286·2	290·2	6th,24th	278·0	273·6	21st	282·1	..	-1·5	106	-2
1371	Dunedin	45 52	170 31	6·1	..	1010·8	- 4·4	287·4	293·6	2nd	278·6	274·1	25th	283·0	..	-1·0	53	-2
1371a	Christchurch	43 31	172 39	7·6	..	1010·9	- 4·4	289·8	296·1	8th	278·3	272·2	27th	284·0	..	-1·0	29	-2
1372	Wellington	41 16	174 46	3·0	..	1013·6	- 4·0	290·1	292·4	5th,8th	282·9	276·4	1st	286·5	..	-0·4	39	-2
		S.	E.															

APRIL - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	986·2	992·8	- 9·0	281·7	284·2	27th	276·2	275·3	13th	279·9	*280·5*	+0·4	375	+3
1422	Puerto de Punta Arenas	53 10	70 54	28	989·5	992·9	- 8·4	282·9	289·6	24th	277·8	274·5	13th	280·3	*280·3*	+0·7	9	-3
1423	∮Punta Dungeness	52 24	68 26	5	993·0	993·6	- 7·3	283·5	287·4	11th	278·5	275·5	16th	281·0	*281·3*	+0·5	14	-3
1424	Santa Cruz	50 1	68 31	12	996·1	997·5	- 6·9	289·5	298·8	24th	277·9	272·5	27th	283·7	*283·8*	+2·0	0	-3
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	995·4	- 4·1	283·9	289·1	26th	276·3	272·4	23rd	280·1	..	+1·1	41	-2
1426	Cape Pembroke	51 41	57 42	21·3	993·0	995·6	- 5·2	282·8	287·4	25th	277·3	273·6	14th,23rd	280·1	280·2	+0·5	..	..
1429	∮S. Georgia (Cumberland Bay)	54 14	36 33	4	993·1	993·6	- 2·3	277·7	287·6	30th	271·6	268·0	11th	274·7	*274·9*	-0·5	135	-3
		S.	W.															

APRIL - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1527	South Orkneys	60 44	44 39	7	986·5	987·4	- 3·6	271·6	277·9	29th	266·1	258·7	28th	268·9	269·7	-0·2	51	..

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, MAY 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. MAY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1019·2	1019·5	..	288·2	282·6	30th	281·3	252·2	1st	284·8	..	..	28	..
105	∮Barrow	71 23	156 17	7·0	..	1018·9	..	272·1	280·2	29th	265·2	256·9	1st	268·7	..	+3·1	0	- 3
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*272·9*	+3·9	34	+20
131	Mygdbukta	73 30	21 30	3·2	..	1019·7	..	..	288·2	28th	..	250·5	4th	..	..	..	0	..
132	Scoresbysund	70 29	21 58	16·9	?1013·8	?1015·9	..	?274·8	?284·9	28th	?285·8	?253·5	1st	?270·3	*?270·6*	..	..	..
135	∮Jan Mayen	70 59	W. 8 18	23·1	1015·2	1018·1	+ 2·6	..	277·0	15th	269·3	263·6	5th	..	*271·3*	-1·3	14	- 1
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1015·3	1016·7	+ 0·5	..	278·4	25th	262·5	249·5	8th	..	267·6	-0·5	21	+ 9
140	Björnöen	74 28	19 17	40·5	1010·7	1015·9	+ 2·0	..	275·4	20th	267·7	259·2	1st	..	*269·9*	-1·2	12	- 9
141	Ingöy	71 4	24 6	7·5	1013·7	1014·6	+ 1·4	..	281·1	26th	272·6	268·5	9th	..	*274·8*	-1·4	14	-15
142	Mehavn	71 1	27 47	10·2	1014·1	1015·4	+ 1·5	..	279·9	22nd	271·5	267·3	3rd	..	*273·9*	-1·4	34	- 7
143	Vardö	70 22	31 6	11·3	1013·3	1014·8	+ 0·1	..	280·6	22nd	271·8	268·7	1st	..	*274·0*	-0·7	29	- 6
147	Malye Karmakouly	72 28	52 43	15·3	1009·9	1011·8	- 1·2	272·2	278·9	27th	268·4	263·6	4th	270·3	*269·6*	+1·4	5	-12
148	Walgatz	70 24	58 47	11·2	1010·4	1011·8	..	272·2	276·5	28th	267·2	260·8	4th	269·7	*269·5*	+2·8	3	- 6
153	Dickson	73 31	80 23	13·0	1008·7	1010·4	- 3·1	..	..	..	267·5	261·0	5th	..	*269·2*	+4·8	..	..
162	Bouloune	70 45	127 47	35	1009·5	1013·9	..	..	..	...	268·5	255·8	1st	..	*273·4*	+4·8	8	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. MAY - ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
201	Preobrajenye	64 52	175 18	? 31	1015·6	1021·6	..	..	..	..	266·9	255·5	2nd	..	*270·0*	..	..	..
203	Nome	64 30	165 24	6·7	1014·1	1014·5	+ 2·5	277·1	290·8	29th	269·7	257·4	2nd	273·4	*273·8*	-1·0	22	+ 2
204	Candle	65 55	161 57	2·4	..	..	..	?278·4	?292·4	28th	?266·0	?249·7	1st,2nd	272·2	..	-1·7	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	281·1	296·3	28th	271·3	260·8	1st	276·2	..	..	..	..
205	Tanana	65 10	152 6	69·5	1007·1	1014·9	+ 3·1	285·8	296·3	29th	273·3	265·8	1st	279·5	*280·3*	-0·3	15	..
206	Rampart	65 30	150 15	114	..	..	..	285·3	296·9	31st	272·2	264·1	4th	278·7	..	-1·4	19	- 2
207	Valdez	61 7	146 16	122	..	..	..	?282·8	?290·8	28th	?275·4	..	..	?279·1	..	..	3	- 9
208	Eagle	64 46	141 12	248	983·2	1013·9	+ 2·5	285·9	293·6	29th	273·0	260·2	1st	279·5	*280·1*	-0·6	..	..
209	Dawson	64 4	139 29	324	974·6	1013·5	+ 3·0	286·9	291·3	29th	274·1	265·8	5th	280·5	*281·2*	-0·4	26	+ 5
210	Carcross	60 11	134 34	662	..	..	..	282·4	289·1	19th	271·1	266·3	5th	276·8	..	-0·4	21	- 2
210a	Mayo Landing	63 35	135 51	?579	954·8	1024·2	..	286·3	292·4	19th	273·6	266·3	5th,6th	279·9	*279·9*	..	..	..
211	Fort Good Hope	66 25	128 53	65·2	1012·5	1020·7	+ 4·0	282·4	294·7	31st	269·7	259·7	3rd	276·1	..	-0·1	4	-13
212	∮Fort Simpson	61 52	121 35	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	161	998·0	1018·2	+ 4·4	278·6	295·8	21st	269·7	259·7	5th,7th	274·1	..	-3·0	7	-14
225	Jacobshavn	69 13	51 2	31·6	1008·6	1012·6	- 1·6	277·5	286·5	26th	271·4	266·2	7th	274·5	*274·2*	+1·5	28	+14
226	Godthaab	64 11	51 43	20·4	..	..	..	..	279·9	28th	271·4	270·2	22nd	276·7	*276·0*	+2·3	36	- 6
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	1013·2	1016·9	+ 1·4	278·7	284·3	27th	270·4	262·7	1st	274·5	*274·2*	+0·2	22	-44
231	Stykkisholm	65 5	22 46	25	..	1017·9	+ 4·3	282·8	287·3	27th	275·8	268·3	2nd	279·3	*278·7*	+1·4	30	- 5
232	Vestmanno	63 24	20 17	132	..	1018·3	+ 5·6	282·2	288·4	25th,31st	276·6	270·2	3rd	279·4	*279·2*	+0·4	112	+32
233	Grimsey	66 33	18 1	22·0	..	1018·2	+ 3·5	279·7	285·0	30th	274·7	268·8	1st	277·2	*276·6*	+2·1	50	+36
234	Teigarhorn	64 41	14 22	18·0	..	1018·8	+ 4·9	284·2	292·0	29th	273·8	265·1	4th	279·0	*278·6*	+1·2	136	+65
235	Hjalvig	62 3	6 45	22·9	1017·0	1019·8	+ 5·4	281·1	285·2	24th	275·6	271·6	1st	278·3	*276·6*	-1·7	49	-36
236	Lerwick	60 8	W. 1 11	18·0	..	1016	+ 2·9	281·3	285·2	24th	277·6	274·1	1st	279·4	*279·6*	-0·9	47	- 6
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1009·4	1014·9	+ 1·1	283·2	288·9	28th	277·3	273·0	14th	280·3	*280·0*	-2·1	108	+19
238	Aalesund	62 28	6 10	6·3	1015·1	1015·9	+ 1·9	..	290·0	30th	276·5	272·6	10th	..	*278·8*	-2·0	86	+25
239	Trondhjem	63 26	10 25	59·2	1008·2	1015·5	+ 0·8	282·3	291·9	31st	274·6	270·8	6th	278·5	*278·6*	-2·1	75	+36
240	Bodö	67 17	14 24	22·3	1011·5	1014·2	+ 0·2	..	286·8	30th	275·9	271·0	1st	..	*278·8*	0·0	44	- 7
241	Haparanda	65 50	24 9	9·2	1012·7	1013·8	- 0·5	281·9	289·0	23rd	273·6	269·0	1,2,11	277·7	*277·8*	+0·5	47	+16
242	Helsingfors	60 10	24 57	11·7	1011·4	1012·8	- 2·4	282·8	287·5	26th	276·0	269·9	13th	279·4	*279·2*	-1·6	100	+55
242a	Kuopio	62 55	27 40	233	984·8	1013·4	- 1·3	281·7	287·7	27th	274·1	267·5	12th	277·9	*277·8*	-2·4	49	+ 8
243	Kola	68 53	33 0	6·7	1014·0	1014·8	0·0	277·3	284·7	22nd	271·6	264·4	3rd	274·5	*274·5*	-2·0	57	+34
244	Petrozavodsk	61 47	34 23	79·0	1004·0	1013·7	- 0·9	283·8	293·5	27th	278·2	267·8	12th	279·5	*279·5*	-0·3	53	+ 6
246	Arkhangelsk	64 34	40 31	6·3	1013·0	1013·8	- 0·2	282·7	297·2	27th	274·5	270·0	8th	278·6	*278·3*	+0·3	84	+54
247	Mezen	65 50	44 16	14·9	1012·0	1013·8	+ 0·1	280·3	299·7	27th	272·8	268·5	8th	276·5	*276·3*	0·0	34	+ 9
248	Oust-Tsylma	65 25	52 18	68	1005·1	1013·6	+ 0·2	281·2	298·9	28th	272·6	265·3	8th	276·9	*276·6*	+1·2	59	+24
	∮Tcherdyn	60 24	56 31	?208	991·1	1016·4	+ 2·5	286·8	299·7	28th	276·3	270·..	5th	281·6	*281·1*	+0·5	53	+ 2
249	Berezov	63 56	65 4	46	1010·6	1016·3	+ 2·6	284·2	298·3	29th	274·6	268·3	9th	279·4	*279·3*	+3·9	15	-22
250	Obdorsk	66 31	66 36	35·2	1012·0	1016·4	+ 1·5	279·0	289·8	28th	271·8	266·9	4th	275·4	*275·0*	+4·3	38	+19
251	New Port	67 42	72 57	3·3	..	..	..	275·3	286·7	28th	269·6	260·4	5th	272·4	*272·2*	..	20	..
252	Sourgout	61 15	73 24	40	1009·9	1014·8	+ 1·7	..	..	..	..	..	..	..	*280·1*	+3·5	67	+32
253	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	?45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilhouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	989·6	1009·8	..	284·5	298·5	27th	272·3	263·5	1st	278·4	*279·0*	..	..	..
266	Naiakhan	61 55	158 59	29·0	1008·6	1012·2	..	277·3	284·5	30th	271·7	267·0	7th	274·5	*274·5*	..	59	..
271	Novo Mariinskii Post	64 45	177 33	? 17	1015·5	1017·6	+ 2·1	..	278·0	31st	..	253·0	8th	..	*267·8*	-1·7	8	- 2
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 105 and 106

MAY - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	12·2	..	1014·9	+ 4·1	275·3	279·1	22,24,25	271·1	265·2	3rd	273·2	..	-1·2	25	-5
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1011·6	1012·2	+ 2·7	280·7	291·9	27th	273·4	270·2	1st	277·1	*276·9*	-0·7	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	∮Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
306	∮Kodiak (Radio)	57 47	152 22	4·6	1011·5	1012·2	+ 3·4	283·3	294·1	27th	273·7	267·4	2nd	278·7	..	+0·5	27	-2
								283·3	291·3	27th,28th	276·2	271·3	1st,7th	279·7	*279·6*	+0·6	‡100	..
309	Sitka	57 3	135 19	19·8	..	..	..	285·4	291·3	19th	277·3	273·6	1st	281·3	..	+0·1	52	-51
310	Prince Rupert	54 18	130 18	51·8	1010·9	1017·3	+ 2·1	285·8	293·0	7th	278·6	274·1	16th	282·2	*282·9*	+0·4	91	-46
311	Barkerville	53 2	121 35	12?4	867·9	1013·1	+ 1·5	284·1	292·4	22nd	272·4	268·0	2nd	278·3	*277·7*	-1·2	48	+3
312	Kamloops	50 41	120 29	385	970·7	1016·1	0·0	292·7	300·2	22nd	279·7	274·7	4th	286·2	*286·1*	-1·2	32	..
313	Calgary	51 2	114 2	1045	895·0	1015·4	+ 4·2	285·8	298·0	15th	274·7	268·6	6th	280·2	*279·7*	-2·3	69	+5
314	Fort Chipewyan	58 42	111 10	218	988·9	1015·4	+ 2·2	284·8	295·5	22nd	274·4	268·0	7th	279·6	*280·5*	+0·9	26	-6
315	Prince Albert	53 10	105 38	442	963·9	1016·7	+ 3·7	287·4	294·7	11th	275·8	269·7	5th	281·6	*281·5*	-1·2	28	+3
316	Qu'Appelle	50 30	103 47	645	937·4	1013·7	+ 1·7	284·7	294·7	16th	275·2	266·3	10th	279·9	*279·8*	-3·2	94	+6
317	Minnedosa	50 15	99 50	515	953·0	1014·3	+ 0·9	284·7	296·1	16th	276·4	271·8	11th	280·6	*280·3*	-2·3	138	+4
318	Berens River	52 18	97 23	216	..	..	..	285·7	295·2	29th	271·1	264·7	6th	278·4	..	-0·7	82	-1
318a	Port Nelson	57 0	92 51	14·9	1022·3	1024·2	+ 6·9	274·1	287·4	23rd	267·4	259·7	7th	270·8	..	-2·7	3	-2
319	Pagwa	50 3	85 18	189	..	..	..	282·8	293·0	12th	269·8	261·9	1st	276·3	..	-6·7	66	+3
320	Moose Factory	51 14	80 30	9·1	1016·1	1017·2	+ 2·1	281·3	293·6	12th	271·3	267·4	8th	276·3	..	-2·4	9	-5
321	Fort George	53 50	79 5	97·5	..	..	..	?279·3	?288·0	25th	?270·0	?260·2	8th	?274·6	..	-1·0	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	284·0	290·8	14th	270·4	263·6	9th,27th	277·2	..	-1·4	46	+1
324	Natashquan	50 8	61 48	6·1	..	..	..	281·0	287·4	3rd	273·1	268·0	10th,30th	277·1	..	-0·6	84	+3
328	Belle Isle	51 53	55 23	130	993·7	1010·3	- 1·9	276·1	281·3	18th	272·1	270·2	24th	274·1	*273·2*	-0·2	60	-1
										Sea Temp.							
331	55°-50° N. 30°-25° W.	††52 8	††27 36	§(63)	..	1014·4	..	..	..	283·9	..	..	..	..	..	..	..	..
333	53°-48° N. 20°-15° W.	††50 18	††17 18	§(31)	..	1015·3	..	..	..	285·4	+0·3	..	..	..	..	..	..	..
333a	62°-57° N. 20°-15° W.	..	..	..	..	..	..	..	..	..	..	..	..	284·9	..	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1016·3	1018·0	+ 2·5	288·1	293·8	7th,8th	281·7	277·8	6th,20th	284·9	285·1	+0·8	60	+1
335	Aberdeen	57 10	W. 2 6	28·0	1014·5	1017·7	+ 3·0	283·2	288·8	24th	277·6	272·5	1st	280·4	280·5	-1·0	66	+3
336	Greenwich	51 28	0 0	46·3	..	1018·0	+ 2·5	291·8	298·0	24th	279·3	271·9	1st	285·6	285·2	+0·4	31	-2
337	Uccle	50 48	E. 4 22	100	1005·0	1017·1	+ 1·8	291·8	298·7	4th,7th	279·3	271·5	12th	285·5	285·2	-0·6	34	-2
338	De Bilt	52 6	5 11	3·0	1016·7	1017·1	+ 1·8	289·7	298·8	6th	279·2	273·7	13th	284·5	284·4	-0·7	24	-8
338a	Hamburg	53 33	9 58	40·3	1011·2	1016·1	+ 0·7	287·9	295·7	5th	278·6	273·7	1st	283·3	*283·1*	-1·9	79	+4
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1013·5	1014·1	- 1·0	285·4	291·3	8th	277·9	273·0	2nd	281·7	*281·7*	-1·1	28	-1
340	Potsdam	52 23	13 4	84·9	1005·5	1015·8	+ 0·7	289·0	302·0	31st	278·6	272·5	14th	283·8	283·5	-2·4	42	+5
340a	Uppsala	59 51	17 38	24	1010·0	1012·9	- 1·5	284·1	290·6	8th	273·6	268·1	13th	278·8	279·1	-3·2	59	+2
341	Warsaw	52 13	21 3	89·9	1005·0	1015·9	- 0·3	288·1	298·6	31st	278·6	272·7	12th,14th	283·3	*283·5*	+1·0	10	-3
342	Tartu (Ulikooli)	58 23	26 43	80·8	1003·4	1013·3	- 1·0	284·2	290·5	24th	276·3	271·0	12th	280·2	280·1	-2·8	128	+4
343	Leningrad	59 56	30 16	**	‡1012·2	1013·2	- 1·3	283·9	291·1	23rd	277·0	271·7	12th	280·5	*280·1*	-2·0	86	+4
344	Kliv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	187	995·6	1015·9	+ 0·5	286·8	298·0	25th	278·1	271·6	13th	282·5	*282·4*	-2·4	99	+6
345	Saratov	51 32	46 2	127	1002·7	1017·9	+ 2·3	293·9	302·4	30th	281·7	274·8	5th	287·8	*287·2*	+1·0	23	-1
346	Kazan	55 47	49 8	79·9	1007·6	1017·3	+ 1·4	290·8	302·4	27th	280·3	274·3	13th	285·5	*285·2*	-0·8	42	+3
347	Orenburg	51 45	55 6	109	1005·4	1018·4	+ 1·9	295·5	304·9	31st	281·0	271·5	7th	288·3	*288·5*	+1·0	10	-3
348	Perm	58 1	56 16	163	997·4	1017·2	+ 2·1	289·5	301·2	28th	277·6	271·5	1st	283·6	*283·4*	+0·4	63	-1
349	Sverdlovsk	56 50	60 38	281	983·0	1016·7	+ 2·3	290·1	301·1	31st	277·7	270·0	5th	283·9	*283·7*	+0·8	101	+4
350	∮Tobolsk	58 12	68 14	108	1004·0	1017·1	+ 2·1	..	..	..	279·6	271·2	6th	..	*284·7*	+2·6	54	+2
351	∮Akmolinsk	51 12	71 23	353	977·0	1018·6	+ 2·0	294·7	301·9	17th	278·5	272·0	29th	286·6	*287·3*	+1·5	13	-3
352	∮Omsk	55 1	73 19	108	1004·0	1017·0	+ 2·1	293·8	302·2	5th	279·3	271·5	28th	286·6	*286·9*	+2·9	12	-3
353	Barnaoul	53 20	83 48	158	998·6	1017·5	+ 1·9	..	301·6	6th	279·0	271·2	26th	..	*286·9*	+3·0	19	-3
354	Tomsk	56 30	84 58	122	1001·8	1016·5	+ 2·2	291·6	301·7	7th	279·8	272·3	29th	285·7	*285·5*	+4·4	32	-2
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk(Bureau (Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1004·6	1009·8	+ 0·3	280·5	293·6	28th	272·1	268·2	12th	276·3	*276·3*	-0·1	53	-1
366	Okhotsk	59 21	143 17	5·5	1011·5	1012·2	- 0·1	278·5	288·2	26th	271·4	264·7	6th	275·0	*274·6*	+1·4	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	999·2	1010·0	+ 0·1	..	..	..	273·9	271·4	4th	..	*275·3*	+0·1	76	+3
369	Kluchevskoye	56 21	160 48	? 30	1007·5	1011·1	..	..	..	..	273·5	268·4	3rd	..	*277·3*	..	13	-6
370	Nikolskoe	55 12	165 59	6·8	1011·5	1012·3	..	278·3	282·0	30th	..	..	..	..	‡*276·3*	..	7	-1
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 and 107.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.
**Height changed from 4·8m. to 8·6m. from May 23rd.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

MAY - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria,B.C.	48 24	123 19	70·1	1009·5	1018·1	+ 1·4	287·3	293·0	14th	280·3	277·6	5th	283·8	283·3	-0·9	20	- 9
412	Portland,Oregon	45 32	122 41	46·6	1013·9	1019·3	+ 2·1	290·2	303·0	14th	281·8	279·1	1st	286·0	*285·5*	-0·7	57	- 1
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	285·4	298·6	16th	276·4	271·3	6th	280·9	*281·1*	-2·2	172	+121
414a	Salt Lake City	46 34	112 4	1253	871·7	1014·2	- 0·3	285·0	300·2	16th	275·7	269·7	3rd	280·3	*280·2*	-3·7	167	+113
415	Cheyenne	40 46	111 54	1329	864·8	1011·8	+ 0·3	291·9	306·9	16th	280·3	273·6	8th	286·1	*286·4*	-1·5	96	+45
416	North Platte	41 8	104 48	1856	809·1	1008·4	- 2·0	290·7	300·2	17th	276·5	266·9	9th	283·6	*283·7*	+0·2	51	-10
416a	Bismarck	46 48	100 45	860	912·2	1009·8	- 2·4	296·4	309·1	17th	282·2	274·7	11th	289·3	*288·9*	+1·5	36	-36
417	Winnipeg	49 53	97 7	232	986·0	1014·0	+ 0·3	286·5	295·4	16th	277·9	272·3	17th	282·2	*282·3*	-1·9	119	+68
418	Duluth	46 47	92 6	345	971·2	1012·8	- 1·7	283·9	296·3	1st	275·6	273·6	16th	279·8	*279·4*	-1·9	83	- 3
419	Port Arthur																	
420	Chicago	48 27	89 12	196	990·2	1014·1	- 1·0	283·6	290·2	25th,29th	275·8	271·3	6th	279·7	*279·7*	-1·3	114	+61
421	Toronto	41 47	87 35	205	987·2	1011·8	- 2·7	291·1	303·0	21st	282·5	278·0	1st	286·8	*286·5*	-0·9	112	+21
422	∮New York (Central Park)	43 40	79 24	116	997·9	1011·9	- 3·0	289·4	304·3	22nd	280·2	275·4	1st	284·8	284·4	-0·3	81	+10
423	St. John, N.B.	45 17	66 4	36·3	1007·6	1012·0	- 2·0	285·7	290·9	23rd	277·4	272·6	1st	281·5	280·8	-0·2	60	-34
424	S.W. Point, Anticosti	49 24	63 33	9·1	1011·5	1012·6	- 0·1	279·3	282·4	19,25,31	274·4	271·9	1st	276·8	*276·9*	-0·5	75	+13
424a	Sable Island (Main Station)	43 57	60 6	7·6	1012·0	1012·9	- 2·5	281·3	284·7	17,20,30	276·9	274·1	1st	279·1	*278·7*	-0·3	80	- 7
425	Port aux Basques	47 35	59 10	9·1	1010·2	1011·3	- 2·1	279·9	284·9	15th	274·3	271·6	5th,6th	277·1	*276·9*	-0·7	131	+38
426	St.John's, Newfoundland	47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid																	
436	Nantes	40 24	3 41	667	938·0	1014·2	- 1·1	294·7	298·8	25th	284·8	281·1	11th	289·8	*289·1*	+1·1	45	+ 5
437	Paris (Parc St.Maur)	47 15	W. 1 34	36·5	1011·5	1015·9	+ 0·1	292·8	298·6	25th	282·3	277·6	12th	287·6	287·4	+0·8	70	+12
438	Marseille	48 49	E. 2 30	50·3	1011·0	1017·1	+ 1·1	293·3	300·0	7th	281·5	275·8	12th	287·4	287·4	+1·0	78	+27
438a	Zürich	43 18	5 23	75	..	1013·8	+ 0·2	296·9	302·4	31st	285·0	278·6	14th	291·0	*290·5*	+1·3	21	-23
439	Rome	47 23	8 33	493	958·6	1016·3	+ 0·6	294·0	299·9	7th	281·1	274·7	20th	287·6	286·8	+0·8	80	-27
440	Vienna	41 54	12 27	45·5	1009·5	1014·8	+ 0·5	297·6	302·1	31st	287·4	284·4	14th	292·5	*292·3*	+1·4	126	+71
440a	Budapest	48 15	16 22	203	991·8	1016·1	+ 1·8	290·0	297·5	31st	281·7	275·0	12th	285·9	286·0	-2·0	30	-41
441	∮Sofia	47 31	19 1	130	1000·5	1016·1	+ 2·1	293·8	302·1	31st	282·4	273·5	12th	288·1	287·9	-1·1	24	-48
442	Bucharest	42 42	23 20	550	952·5	1015·9	+ 1·6	294·6	300·6	30th	283·3	277·5	12th	288·9	*288·7*	+0·6	76	-11
443	Odessa (Observatory)	44 25	26 6	82	1006·6	1016·4	+ 2·4	296·6	303·7	31st	283·2	275·6	15th	289·9	289·4	-0·4	88	+25
444	Kharkiv (University)	46 26	30 46	42·8	1012·4	1017·6	+ 2·7	..	299·4	31st	..	276·1	15th	..	*286·6*	-2·0	71	+40
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1012·6	1017·1	+ 2·6	292·9	301·0	22nd	284·2	277·6	10th	288·5	*288·1*	-0·5	25	-14
446	Astrakhan	41 43	44 48	404	970·3	1017·0	+ 2·4	295·6	303·0	26th	285·4	281·0	11th	290·5	*290·2*	+0·4	138	+57
447	Fort Alexandrovsk	46 21	48 2	- 20·0	1020·4	1018·0	+ 2·9	295·7	301·6	24th	286·3	278·0	5th	291·0	*290·5*	0·0	9	- 9
448	Krasnovodsk	44 31	50 7	- 23·0	1020·2	1017·5	+ 2·8	295·6	305·5	24th	287·1	279·5	8th	291·4	*291·2*	+0·8	7	- 8
449	Kasalinsk	40 0	52 59	- 4·6	1018·3	1015·6	+ 1·7	298·1	308·4	27th	289·0	283·5	12th	293·6	*293·1*	-0·5	3	- 7
450	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 20	69 18	478	959·6	1014·1	+ 1·2	300·7	308·3	21st	286·2	277·1	30th	293·5	*292·7*	+2·9	3	- 7
452	Alma Ata	43 16	76 53	841	921·0	1018·1	+ 1·9	294·7	303·1	21st	283·5	275·1	29th	289·1	*289·0*	+0·4	58	+ 7
461	Moukden	41 48	123 23	43·8	1003·7	1008·9	- 0·1	293·7	302·5	29th	281·1	273·3	11th	287·4	287·2	-1·6	74	+15
462	Joshin	40 40	129 11	31·9	1005·1	1009·0	- 1·2	287·9	293·9	22nd	279·6	275·7	11th	283·7	283·3	-0·5	95	+33
463	Yuki	42 20	130 24	63·8	1000·5	1008·2	- 2·1	286·9	296·9	31st	278·9	274·7	2nd	282·9	282·8	+0·2	107	+31
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1004·8	1008·2	- 2·5	283·9	296·8	29th	273·3	270·1	25th	278·6	278·6	-0·1	117	+42
466	Nemuro	43 20	145 35	26·7	1006·2	1009·5	- 2·0	283·8	293·6	29th	276·1	273·9	17th	279·9	279·8	+0·3	160	+66
466a	Oyana	45 14	147 53	39·3	1004·0	1008·9	- 2·7	282·7	295·1	29th	274·4	268·4	26th	278·5	278·5	+0·3	102	+24
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

MAY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
508	35°-30° N. 145°-140° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1011·2	1016·9	+ 1·1	291·9	304·1	24th	283·2	281·9	9th	287·6	*286·6*	+1·5	3	..
512	San Luis Obispo	35 18	120 39	61·3	1009·5	1016·9	+ 0·9	295·2	310·8	13th	281·3	276·3	9th	288·3	..	+1·5	1	-16
512a	Sacramento	38 35	121 30	21·0	1012·7	1015·2	+ 1·4	298·1	310·2	15th	283·3	279·7	29th	290·7	*290·6*	+0·3	5	-14
513	San Diego	32 43	117 10	28·5	1011·2	1014·2	0·0	292·4	304·1	13th	286·3	283·6	22nd	289·3	*289·0*	+0·5	3	- 5
514	Modena	37 48	113 54	1668	830·3	1009·8	+ 0·1	294·1	303·6	16th	275·9	269·7	22nd	285·0	*285·0*	+0·3	6	-15
515	Santa Fé	35 41	105 57	2138	785·4	1006·4	- 0·4	295·8	300·8	16th	279·7	271·9	9th	287·8	*288·2*	+1·5	4	-23
516	Denver	39 45	105 0	1613	833·1	1007·8	- 2·2	295·4	304·7	17th	281·2	273·6	8th	288·3	*288·2*	+1·6	36	-25
517	Abilene	32 23	99 40	530	948·8	1008·1	- 2·7	305·8	314·1	28th	291·9	284·7	10th	298·9	*298·5*	+3·8	20	-78
518	Saint Louis	38 38	90 12	173	991·5	1011·8	- 2·3	295·4	302·4	8th	286·7	279·7	12th	291·1	*291·0*	-0·9	234	+120
519	Mobile	30 41	88 2	17·4	1014·0	1015·9	+ 0·7	300·9	306·3	28th	293·1	286·3	14th	297·0	*296·9*	+1·1	38	-73
520	Nashville	36 10	86 47	186	994·9	1014·5	- 1·0	298·8	303·6	24th	288·9	280·2	2nd	293·9	*293·5*	+0·7	92	- 4
521	Charleston	32 47	79 56	14·6	1014·2	1015·9	- 0·2	301·1	308·0	28th	292·2	285·8	1st	296·7	*296·7*	+1·4	18	-68
522	Washington	38 54	77 3	34·1	1009·0	1013·2	- 2·5	295·9	305·8	24th	285·7	278·6	1st	290·8	*290·5*	0·0	56	-36
524	Bermuda	32 17	64 46	46·0	1014·6	1020·0	+ 2·1	297·8	302·1	30th	289·6	287·1	10th	293·7	*293·8*	-0·5	103	-13
		N.	W.															
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For Formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

MAY - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1013·1	1017·8	- 3·7	292·4	295·2	3rd	287·8	284·3	7th	290·1	*290·1*	+0·3	178	+73
531	Horta	38 32	28 38	65	1009·8	1017·6	- 3·6	291·9	294·3	24th	287·7	284·9	7th	289·8	289·6	-0·2	98	+36
532	Ponta Delgada	37 44	25 40	22	1014·5	1017·1	- 3·6	292·3	294·2	24th	288·1	286·0	9th	290·2	290·1	+0·6	..	..
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	135	+69
533	Madeira (Funchal)	32 38	16 55	25	1015·1	1018·1	- 0·8	293·5	295·5	28th	289·7	288·0	6th	291·6	*291·7*	+1·2	46	+33
535	Lisbon	38 43	9 9	95	1003·9	1015·1	- 0·1	294·6	298·3	22nd	287·8	284·4	7th	291·2	290·7	+1·1	32	-21
535a	Melilla	35 17	2 59	40	1010·7	1015·4	..	295·9	301·0	21st	289·4	285·6	7th	292·7	*292·6*	+0·1	9	-21
536	‡Gibraltar	36 6	5 21	16·2	..	1015·4	- 0·9	296·3	299·1	20,23,29	288·2	284·1	7th	292·3	*292·7*	+0·7	21	..
536a	Colomb-Béchar	31 36	W. 2 4	769	925·6	1009·4	..	305·7	309·7	20th	291·9	284·0	13th	298·8	*295·4*	..	3	..
537	Palma	39 34	E. 2 39	23	1011·7	1014·4	- 1·3	296·5	302·0	30th	286·0	282·4	7th	291·2	*291·0*	-0·1	66	+36
538	‡Algiers (Bouzaréah)	36 48	3 2	342	974·3	1014·4	- 0·2	294·2	304·9	30th	287·4	283·7	15th	290·8	290·2	+0·9	29	-37
538a	‡Gadames	30 9	9 30	351	..	..	..	312·6	323·2	27th	291·9	283·1	1st	302·3	..	+0·4	3	+1
539	Tunis	36 48	10 10	75	1007·2	1016·0	..	298·8	307·9	30th	287·7	284·4	13th·	293·2	*292·8*	+1·6	11	-21
539a	Malta	35 54	14 31	56·4	..	1014·7	+ 0·7	295·3	301·9	21st	289·9	288·1	11th	292·6	*291·7*	+0·7	3	-24
540	Riposto	37 41	15 14	14·2	..	1016·8	+ 0·4	295·3	298·2	23rd,31st	288·4	285·0	9th	291·9	*291·7*	+0·6	8	-24
541	Athens	37 58	23 43	107	1002·2	1014·7	+ 1·3	299·6	308·1	31st	289·8	285·5	25th	294·7	294·3	+1·8	2	-26
542	Alexandria	31 12	29 53	32·0	1010·0	1013·8	+ 0·4	298·1	309·1	11th	291·7	289·0	2nd	294·9	*295·4*	+1·4	0	-26
543	Ankara (Angora)	39 58	32 48	970	905·1	1013·1	+ 0·2	296·2	302·4	30th	283·3	279·3	6th	289·7	*290·0*	..	27	..
543a	‡Nicosia (P.W.D.)	35 9	33 22	159	993·1	1011·1	- 0·2	304·3	309·7	15,16,30	288·8	286·3	6th	296·6	..	+2·4	5	-36
544	Beirut	33 54	35 28	33·7	..	1012·2	- 0·6	299·4	306·2	15th	292·0	288·1	1st	295·7	*295·6*	+1·4	3	-36
545	Hinaidi	33 17	44 29	32·3	..	1008·8	- 0·6	311·9	317·4	16th,17th	292·3	286·9	5th	302·1	*303·9*	+1·0	17	-26
546	Lenkoran	38 46	48 51	- 20·0	1019·2	1016·8	+ 2·4	..	303·0	28th	287·0	280·3	7th	..	*290·7*	-0·5	11	-24
547	Tehran	35 41	51 25	1220	..	..	..	302·6	307·7	27th	288·9	283·6	6th	295·7	*295·8*	+1·5	3	-24
548	Meshed	36 17	59 38	946	876·7	..	..	301·7	307·1	20th	285·3	280·2	8th	293·5	..	+1·2	30	..
549	Seistan	31 0	61 30	610	..	..	..	307·9	311·8	20th	293·6	287·4	9th	300·7	..	+1·0	0	..
550	Quetta	30 11	67 3	1677	832·0	..	+ 0·3	302·1	306·4	23rd	282·4	278·6	31st	292·2	*292·3*	-0·7	0	..
551	Peshawar	34 2	71 37	339	987·2	1004·7	+ 0·1	310·2	318·3	24th	293·8	285·9	3rd	302·0	*301·6*	+0·1	2	..
551a	Lahore	31 34	74 20	214	979·8	1003·6	+ 0·8	311·7	319·6	25th	295·8	290·7	11th	303·7	*305·7*	-0·9	15	..
552	Simla	31 7	77 8	2204	780·8	..	+ 0·6	294·0	299·5	24th	286·7	281·0	4th	290·3	*290·4*	-0·5	68	..
552a	Leh	34 10	77 42	3503	666·9	..	- 0·6	289·8	297·3	24th	275·5	272·9	13th,15th	282·7	*282·4*	-0·5	13	..
559	‡Hankow	30 35	114 17	37·0	1007·3	1011·6	+ 0·8	301·5	309·6	31st	291·1	284·6	6th	296·3	*295·8*	+0·8	30	-32
560	‡Tientsin	39 10	117 10	5·0	1008·9	1009·5	- 0·1	299·4	308·0	20th	285·1	280·9	3rd	292·3	*291·9*	-0·6	23	..
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1012·2	+ 1·1	298·5	306·5	21st	287·0	282·0	8th	292·7	291·8	+0·2	41	-25
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1003·7	1011·8	+ 0·3	290·6	297·8	27th	282·7	279·0	3rd	286·7	286·2	-1·2	132	-21
562a	Nagasaki	32 44	129 52	133	997·2	1012·8	+ 0·8	295·0	300·5	27th	285·6	282·0	4th,8th	290·3	290·0	-0·9	92	-24
563	Kyoto	35 1	135 44	42·9	1007·5	1012·6	+ 0·6	295·9	300·6	27th	282·7	275·9	12th	289·3	289·1	-0·4	145	-21
564	Tokyo	35 41	139 46	5·8	1011·1	1011·8	- 0·3	294·9	300·0	20th	285·3	280·0	12th	290·1	290·1	+0·5	195	-21
565	‡Hukusima	37 45	140 24	62·0	1003·6	1011·0	- 0·7	295·2	303·4	30th	281·9	273·8	9th	288·5	288·2	+0·3	97	-21
566	Miyako	39 38	141 59	30·4	1006·7	1010·4	- 1·2	291·6	300·4	21st	280·4	275·0	7th	286·0	285·3	0·0	125	-21
		N.	E.															

MAY - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1020·8	1021·7	+ 3·2	297·1	300·8	30th,31st	290·6	287·4	3rd	293·8	*293·4*	-1·1	71	..
605	Honolulu	21 19	157 52	11·6	1016·4	1017·9	+ 0·1	299·7	300·8	23rd	294·6	292·4	12th	297·1	*297·1*	+0·3	91	..
613	Guaymas	27 55	110 53	8·3	1010·0	1011·1	..	304·3	310·0	31st	293·9	288·8	9th	299·1	*298·3*	-0·9	0	..
615	Chihuahua	28 38	106 4	1423	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1809	820·3	1004·8	- 0·3	304·8	308·0	30th	287·2	284·0	10th	296·0	*296·8*	+0·5	48	..
616a	Monterry	25 40	100 18	528	948·4	1006·0	- 2·8	307·9	314·5	6th	295·0	289·4	13th	301·4	*301·8*	+3·0	10	..
617	‡Tulancingo	20 5	98 22	2181	789·2	1007·7	- 0·3	301·5	306·3	9th	283·7	280·0	1st	292·6	*291·3*	+0·4	16	..
618	Galveston	29 18	94 50	16·5	1011·5	1013·5	- 0·7	300·6	303·0	31st	296·4	290·2	12th	298·5	*298·0*	+1·6	3	..
618a	New Orleans	29 57	90 4	16·2	1013·7	1015·6	+ 0·7	302·2	306·3	31st	294·4	288·0	13th	298·3	*296·1*	+1·4	60	..
619	‡Merida, Yuc.	20 58	89 38	22	1010·0	1012·5	- 0·2	307·7	309·6	4th	297·0	293·4	3rd	302·4	*301·7*	+1·4	31	..
620	Havana	23 7	82 25	77·0	..	1015·3	+ 0·8	304·1	306·5	21st	295·2	293·1	18th	299·7	299·2	..	15	..
620a	Key West	24 33	81 48	6·7	1015·5	1016·2	+ 1·4	303·3	304·7	14th	297·7	294·7	3rd	300·5	*299·9*	+1·4	0	..
621	Nassau, Bahamas	25 5	77 21	7·3	..	1016·6	+ 0·6	303·0	..	..	294·1	..	..	298·6	*298·5*	0·0	66	..
622	‡Watling Island	24 6	74 26	33·5	1014·1	1017·9	+ 1·6	..	302·4	16,27,28	..	295·2	2nd	..	*299·0*	+0·3	..	..
633	Port Etienne	20 56	17 3	4	..	..	..	300·6	306·0	3rd	289·9	287·4	6th	295·3	*293·4*	..	1	..
634m	Izaña	28 19	16 30	2367	767·7	..	- 0·2	287·0	292·2	28th	276·4	274·9	17th	282·7	*282·3*	+0·8	33	..
634	La Laguna	28 28	16 20	547	953·2	1016·2	- 1·0	293·8	301·4	27th	285·6	280·4	14th	289·7	*289·1*	+0·6	21	..
636	Adrar	27 38	W. 0 4	285	980·5	1012·1	..	313·8	319·7	24th	294·7	289·2	15th	304·3	*306·9*	..	0	..
638	Laperrine	22 36	E. 5 26	1350	..	..	..	307·7	311·5	31st	291·6	285·6	6th	299·7	*301·8*	..	5	..
641	Giarabub	29 45	24 31	49	..	..	..	308·7	316·0	14th	297·9	294·0	1st	303·3	*302·6*	..	0	..
642	Siwa	29 12	25 29	- 23	1015·9	1013·2	..	308·4	317·2	15th	289·9	285·5	2nd	299·2	..	..	0	..
643	‡Cairo (Helwan)	29 52	31 20	116	998·7	1011·9	- 0·2	307·1	318·5	15th	290·9	286·7	2nd	299·0	*299·0*	+1·4	0	..
643a	Aswan	24 2	32 53	100	998·0	1009·1	- 0·4	314·0	319·9	14th,15th	296·4	290·0	3rd	305·2	*304·9*	+2·4	..	..
644	Tor	28 14	33 37	1·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

*For Formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.

‡Change or normals, see pages 109 and

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

MAY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1004·4	1004·8	..	305·9	314·9	19th	298·8	294·2	1st	302·4	*301·8*	+1·4	0	- 1
648	Jask	25 45	57 45	4·0	1002·9	1003·3	..	307·4	310·1	28th	298·8	296·1	2nd,3rd	303·1	*302·5*	+0·4	0	0
649	Karachi	24 53	66 57	4·0	1005·8	1006·3	+ 0·5	303·6	307·2	11th	298·8	295·2	1st	301·2	*300·6*	-0·6	1	- 1
650	Jacobabad	28 17	68 29	56·7	997·1	1003·3	+ 0·7	316·6	323·3	27th	299·5	294·2	10th	308·1	*307·7*	0·0	1	- 3
651	Jaipur	26 56	75 52	436	957·1	1004·3	+ 0·3	313·6	317·8	28th	298·4	291·6	3rd	306·0	*305·7*	-0·4	9	- 6
652	Nagpur	21 8	79 5	310	970·6	1004·0	0·0	315·4	318·3	24th	301·8	296·8	5th	308·6	*308·0*	+0·6	0	-21
653	Allahabad	25 25	81 51	94·2	992·9	1003·3	0·0	314·5	319·3	24th	299·1	293·8	3rd	306·8	*306·4*	-0·1	3	- 6
653a	Darjeeling	27 3	88 15	2265	775·0	..	0·0	291·4	295·2	31st	284·4	281·1	4th	287·9	*288·0*	+0·5	144	-77
654	Calcutta	22 36	88 23	6·4	1004·4	1005·2	+ 0·2	307·8	310·1	31st	298·4	293·9	2nd	303·1	*303·0*	+0·2	125	-21
655	Gauhati	26 8	91 41	59·7	1001·1	1008·0	+ 0·3	303·4	308·3	29th	294·9	291·9	4th	299·2	*298·1*	-0·6	184	-37
655m	Cherrapunji	25 15	91 42	1313	866·4	..	- 0·2	295·4	299·1	31st	289·6	286·6	9th	292·5	*292·9*	+0·4	521	-654
655a	Akyab	20 11	92 56	6·1	1006·2	1006·9	- 0·6	303·4	309·0	3rd	297·5	292·3	8th	300·5	*300·8*	-1·4	437	+83
656	Mandalay	21 59	96 0	76·2	999·2	1007·6	+ 0·4	307·9	314·1	4th	298·4	294·6	8th	303·1	*302·8*	-1·7	223	+75
656a	Tengyueh	25 2	98 33	1626	834·4	1006·0	..	295·9	299·7	..	286·5	281·9	..	291·2	*290·7*	0·0	140	+14
657	Phu Lien	20 48	106 38	116	993·9	1007·1	- 0·2	304·5	308·8	17th	297·2	294·2	20th	300·9	300·0	+1·0	145	-41
658	Moncay	21 31	107 51	9·0	1006·2	1007·2	- 0·3	304·7	307·9	30th	297·1	295·0	6th	300·9	*301·2*	+1·1	212	-66
659	Hongkong	22 18	114 10	33·2	..	1008·6	- 0·5	299·9	304·8	30th	295·4	291·9	8th	297·7	297·2	-0·7	646	+339
661	‡Taihoku, Formosa	25 2	121 31	9·3	1009·1	1010·2	0·0	299·5	305·4	31st	293·6	288·6	7th	296·6	296·1	-0·9	430	+194
661a	‡Basco	20 28	121 59	18·7	..	1007·9	- 0·6	304·4	306·3	18th	298·3	296·0	5th	301·3	300·9	+0·4	107	-115
662	Naha	26 13	127 41	8·2	1010·8	1011·7	+ 0·7	297·9	300·9	21st	292·5	286·6	4th	295·2	295·1	-1·0	231	-14
665	‡Titizima (Bonin Islands)	27 5	142 11	4·1	1013·5	1014·0	+ 0·9	298·3	302·0	26th	293·0	289·6	8th	295·7	295·5	-0·2	175	-30
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

MAY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	955·6	1011·0	+ 0·5	307·0	310·2	16th	292·7	289·6	3rd	299·8	*298·1*	-0·4	0	-10
716	Morelia	19 42	101 7	1923	809·1	1006·0	- 0·5	300·0	303·6	10th	288·1	286·0	5th	294·0	*293·8*	+1·1	39	- 5
717	‡Mexico, Tacubaya	19 24	99 12	2309	774·3	..	- 0·1	300·8	306·8	10th	283·7	280·6	3rd	292·3	291·6	+1·3	35	-16
718	‡Salina Cruz	16 12	95 12	56	1004·1	1010·5	- 0·4	303·7	308·2	10th	297·8	295·2	21st	300·8	*301·0*	-0·3	152	+67
719	San Salvador	13 42	89 13	682	936·8	1011·9	+ 0·4	306·1	309·0	11th	292·1	290·4	3rd,30th	299·1	*297·6*	+0·3	380	+207
720	‡Belize	17 31	88 11	5·2	1012·6	1013·5	+ 1·3	..	..	..	297·6	294·7	2nd	..	*‡301·1*	+1·0	42	-53
721	‡Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·2	+ 1·2	305·0	307·7	14th	295·3	293·8	9th	300·2	*300·2*	+1·0	172	+13
722	Port au Prince	18 33	72 20	37·4	1010·6	1014·9	+ 0·9	306·3	308·8	15th	296·1	294·0	9th	301·2	*299·9*	+0·5	212	-28
723	Caracas	10 30	66 56	1042	898·9	1012·6	+ 0·2	299·2	301·2	6th	289·9	288·6	5th	294·5	*293·7*	-0·1	96	+25
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·6	1015·6	+ 0·1	301·2	305·2	2nd	296·4	294·7	21st	298·8	*298·4*	-0·1	263	+142
724a	Grenada (Richmond Hill)	12 5	61 46	188	991·5	1013·0	+ 0·1	302·9	304·7	19th	296·8	294·1	1st	299·9	*299·5*	+0·4	88	-16
725	‡Barbados	13 8	59 36	55·2	..	1014·4	+ 0·2	303·2	304·2	19th	296·1	294·1	15th	299·6	*299·5*	-0·1	61	- 2
731	São Vicente, C. Verde Is.	16 54	25 4	11	1011·9	1013·1	- 1·5	297·7	300·0	26th	293·4	291·5	3rd	295·5	*296·2*	+0·6	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·2	1013·7	- 1·0	301·1	304·5	6th	294·5	291·3	4th	297·8	*297·8*	+0·9	0	0
733	Dakar	14 40	17 26	32	1008·1	1011·8	..	305·3	308·0	31st	293·7	292·0	1st	299·5	*297·9*	+2·3	0	- 2
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·9	304·1	24th	294·1	291·9	2nd	298·0	*297·8*	+0·1	14	..
735	Niénébalé	12 57	7 26	300	..	..	..	312·0	313·7	4th	296·9	293·0	1st	304·5	*303·1*	..	151	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	315·1	318·2	30th	298·4	293·0	6th	306·8	*306·7*	-0·8	1	- 5
737	‡Sokoto	13 2	E. 5 14	353	..	..	..	312·6	316·3	10th	298·1	291·9	28th	305·3	*305·0*	0·0	83	+33
738	Kaduna Capital	10 32	7 25	?637	..	..	..	304·6	307·4	1st,10th	..	..	..	..	*‡298·9*	+0·1	161	+16
739	Hadeija	12 40	10 5	?	..	..	..	313·9	316·3	10,14,19	..	..	..	..	*‡305·9*	+0·7	51	+18
740	‡Maiduguri	11 47	13 11	361	..	..	..	316·1	318·6	4,11,14	298·8	295·2	22nd	307·4	*307·1*	+1·3	37	- 1
741	El Fasher	13 32	25 18	730	927·2	1006·2	..	?311·7	?314·0	sev.dates	294·3	288·5	8th	?303·0	*?302·8*	..	10	+ 2
743	El Obeid	13 11	30 14	563	945·2	1006·8	- 0·5	313·1	317·2	15th	296·2	289·8	4th	304·6	*303·3*	+0·2	9	- 4
743a	‡Khartoum	15 37	32 33	390	963·5	1005·8	+ 0·1	314·7	318·8	14th	298·4	290·5	4th	306·6	*307·2*	+0·6	5	+ 2
744	Port Sudan	19 37	37 13	5·5	1007·8	1008·4	- 0·2	309·0	314·4	30th	296·9	292·3	6th,9th	303·0	*302·5*	+0·3	0	- 1
745	‡Barbera, Somaliland	10 22	45 2	13·8	1005·4	1007·0	- 1·2	308·1	315·2	30th	300·3	296·6	20th,21st	304·2	*303·8*	0·0	0	- 7
746	Aden	12 45	45 3	28·7	1006·2	1009·4	+ 0·3	307·3	309·9	15th	300·4	298·7	12th,22nd	303·9	*303·2*	+0·3	0	- 3
751	Bombay	18 54	72 49	11·3	1008·1	1009·4	+ 0·1	305·7	306·9	31st	300·1	298·2	4th,5th	302·9	302·1	0·0	0	-21
752	Kodaikanal	10 14	77 28	2343	771·4	..	+ 0·5	293·5	295·7	13th	285·6	283·7	2nd,6th	289·5	*288·8*	+0·1	129	-24
752a	Bangalore	12 59	77 38	921	909·1	1008·1	+ 0·3	307·9	310·6	12th	294·0	291·1	24th	300·9	*299·9*	+1·1	61	-49
753	Madras	13 4	80 14	6·7	1006·0	1006·8	- 0·2	310·7	315·7	27th	300·8	298·3	5th	305·7	*305·2*	+0·7	9	-18
754	Vizagapatam	17 42	83 19	11·6	1004·3	1005·6	- 0·3	307·1	313·6	29th	301·3	297·3	16th	304·2	*303·6*	+0·1	19	-32
755	Port Blair	11 40	92 40	18·0	1006·5	1008·5	- 0·2	303·1	305·7	1st,3rd	298·1	295·3	14th	300·6	*300·0*	-1·0	504	+101
756	Rangoon	16 46	95 48	5·5	1007·5	1008·2	- 0·4	304·9	309·3	3rd	298·0	296·2	8th	301·4	*300·1*	-0·7	289	-15
757	Saigon	10 47	106 42	11	1007·2	1008·4	+ 0·5	304·7	307·4	9th	297·1	295·8	6,7,8	300·9	*300·4*	-1·0	252	+44
758	Nhatrang	12 15	109 12	3·6	1007·0	1007·4	0·0	304·9	305·9	24th	297·4	296·2	23rd	301·2	*300·7*	-0·3	37	-14
759	Bolinao	16 23	119 53	2	..	1006·5	- 1·0	305·7	309·0	18th	298·3	296·0	29th	302·0	*301·9*	+0·2	359	+190
761	‡Vigan	17 34	120 23	12·2	..	1006·6	- 1·5	306·5	308·1	12th	298·8	297·9	6th	302·7	302·3	+0·5	50	-123
761a	Manila	14 35	120 59	14·2	..	1007·8	- 0·6	306·8	309·8	15th	297·5	296·3	5th	302·1	301·4	0·0	271	+155
762	‡Ormoc	11 0	124 36	5·6	..	1007·6	- 0·3	306·1	308·5	18th	296·2	293·9	16th,17th	301·1	*300·8*	+0·8	180	+72
765	‡Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·2	0·0	304·5	305·8	8,10,14	298·4	296·6	28th	301·5	*301·6*	+0·5	185	+82
		N.	E.															

*For Formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111.

‡Change of normals, see pages 110 and 111.

RÉSEAU MONDIAL

MAY - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·9	1010·5	- 0·3	..	..	..	297·1	296·1	5,15,24	..	‡301·2	0·0	176	-141
821	♯Cristobal (Colon)	9 23	79 54	11·0	..	1010·6	- 0·1	303·1	304·7	2nd	297·3	296·3	2nd	300·2	299·6	+0·1	358	+44
822	Bogota	4 36	74 5	2645	746·7	..	..	292·3	294·9	7th	283·5	280·4	7th	287·9	287·2	..	130	+34
822a	Merida, Venez.	8 36	71 9	1641	‡841·7	..	+ 0·2	296·6	299·5	6,22,31	288·6	287·5	20,23,31	292·6	291·4	-0·5	320	+2..
823	Ciudad Bolivar	8 9	63 33	38	1007·2	1011·5	..	304·5	306·8	3rd	296·8	295·4	20th	300·6	300·1	-1·0	207	+6..
824	El Peru, Guayanavieja	7 19	61 49	220	986·2	1011·1	+ 0·4	302·3	304·2	2nd	295·2	293·0	1st	298·7	298·2	-0·5	202	+..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·3	- 0·5	302·3	303·6	1,5,9	297·4	295·8	20th	299·8	299·7	0·0	472	+1..
826	Paramaribo	5 49	55 9	3·7	..	1012·6	- 0·4	303·3	305·3	22nd	295·3	293·2	9th	299·3	299·3	+0·3	522	+2..
826a	Cayenne	4 56	52 21	6	..	..	..	301·4	303·0	27th	295·4	291·0	27th	298·4	297·4	-1·1	893	+3..
831	10°-5° N. 30°-25° W.	††7 4	††27 5	§(129-138)	..	1013·4	+ 1·0	..	..	Sea Temp. 299·7	+0·5	..	..	..	..	..	..	..
833	Konakri	9 31	13 43	16	1011·0	1012·8	+ 2·2	304·6	306·8	12th	296·2	293·0	4th	300·4	301·5	-0·5	253	+2..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·2	1012·1	+ 0·9	304·5	306·3	14th	296·2	294·1	19,20,21	300·3	299·6	-0·2	242	+4..
835	Assuantai	5 18	1 15	101	..	..	..	304·1	306·3	9th,10th	295·1	293·6	26,27,30	299·6	299·0	+0·4	75	-10..
836	Accra	5 33	W. 0 12	16·0	1009·0	1010·7	+ 0·1	303·3	304·6	28th	297·3	295·8	31st	300·3	299·9	0·0	168	+9..
837	Lagos	6 27	E. 3 24	3·0	1009·5	1009·8	- 0·8	303·8	305·2	1st,9th	297·5	295·2	31st	300·7	299·9	0·0	208	-6..
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	251	-3..
839	Yola	9 12	12 30	259	..	..	..	309·7	313·0	12th	296·0	294·1	31st	302·8	302·3	+0·3	107	-4..
841	♯Wau	7 42	28 3	440	..	..	..	..	..	..	296·1	294·0	Sev. dates	..	?301·7	+1·5	92	-4..
843	Malakal (Kodok)	9 35	31 37	394	967·0	1010·4	+ 2·2	309·4	314·8	11th	295·7	291·6	26th	302·6	301·7	+0·8	68	-..
843a	♯Mongalla	5 11	31 47	448	958·7	1009·0	- 0·7	309·0	313·3	12th	295·2	293·2	26th	302·1	300·4	+1·3	120	-3..
844	♯Entebbe	0 5	32 29	1171	885·1	1011·5	+ 0·8	299·7	300·8	10th,12th	290·9	289·1	5th	295·3	294·0	+0·2	132	-5..
851	Minicoy	8 17	72 49	2·1	1010·4	1010·6	+ 0·7	304·3	306·2	11th,19th	299·2	296·4	20th	301·7	301·1	..	229	+6..
851a	Cochin	9 58	76 21	2·7	1010·1	1010·4	+ 0·7	303·2	305·0	23rd	297·8	294·4	1st	300·5	299·9	-1·2	444	+14..
852	Colombo Observatory	6 54	79 52	7·3	..	1009·0	+ 0·8	303·5	304·7	11th,13th	298·2	294·6	2nd	300·8	300·2	-0·4	575	+29..
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	293·6	297·9	14th	285·9	280·5	7th	289·8	289·0	+0·3	353	+18..
854	Trincomalee	8 35	81 15	30·2	..	1006·4	+ 0·9	305·9	308·3	8th	298·3	294·2	6th	302·1	301·5	-1·1	129	+6..
855	Kuta Raja	5 32	95 20	7·1	..	1008·9	- 0·4	..	..	..	..	..	..	..	..	..	204	-4..
856	Medan	3 35	98 41	25·0	..	1009·2	+ 0·2	305·1	307·5	6th	295·9	294·2	6th	300·5	299·7	+0·1	127	-4..
857	Penang	5 34	100 20	5 0	1009·2	1009·7	- 0·1	306·3	307·4	20th	295·6	294·1	17th	300·9	300·2	0·0	175	+6..
858	♯Singapore	1 18	103 51	10·9	1008·1	1009·3	+ 0·4	304·4	306·3	31st	296·8	295·8	9th,12th	300·6	300·1	-0·2	237	+6..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·7	305·8	16,27,30	297·3	296·3	18th	301·0	300·6	-0·1	186	-4..
860	Iwahig	9 44	118 38	14·3	..	1007·9	+ 0·4	306·5	308·5	18th,21st	..	..	..	..	300·4	+0·6	112	-4..
861	Tagbilaran	9 38	123 51	21·3	..	1008·0	- 0·3	305·2	306·5	11,17,28	297·5	295·7	19th	301·3	300·8	+0·2	109	+5..
861a	Menado	1 30	124 50	8·5	..	1009·3	+ 0·6	303·6	305·5	26th	296·3	295·3	24th	299·9	299·7	+0·4	103	-2..
862	Surigao	9 48	125 29	6	..	1008·3	- 0·2	303·9	305·7	26th	297·8	296·4	16th	300·9	300·6	+0·5	88	-5..
863	♯Kolonie, Yap	9 29	138 8	29·3	..	1008·8	+ 0·3	303·5	306·2	2nd	298·1	296·4	4,19,27	300·8	300·4	+0·1	221	-2..

MAY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
924	Manaos	3 8	60 1	43·8	..	..	..	303·1	305·2	1st,24th	294·9	293·2	20th	299·0	298·8	-0·5	369	+2..
926	Taperinha	2 30	54 20	21·5	1009·9	1012·2	+ 0·4	303·2	305·3	22nd	295·9	294·8	20th	299·6	298·2	+0·4	310	+3..
927	Turyassu	1 43	45 26	9·1	1010·3	1011·4	+ 0·1	304·7	306·8	18th	294·7	293·5	15th	299·7	298·6	+0·2	297	-2..
928	Barra do Corda	5 30	45 16	81·0	1000·7	1010·0	- 0·5	304·7	305·8	7th	293·5	291·2	26th,29th	299·1	297·9	+0·2	54	-..
929	Quixeramobim	5 16	39 15	207	989·2	1012·6	+ 0·2	302·1	303·0	10th,12th	295·7	294·8	26th	298·9	299·2	-0·3	89	+3..
930	Fernando Noronha	3 50	32 25	106	1000·4	1012·3	- 0·7	301·7	302·6	sev. dates Sea. Temp.	296·1	295·1	28th	298·9	299·0	+0·1	291	+..
930a	5°-10° S. 35°-30° W.	††7 11	††33 7	§(50)	..	1012·8	..	..	..	..	300·0 | -0·2	..	..	..	..	..	..	..
930b	0°-5° S. 35°-30° W.	††2 29	††31 17	§(32)	..	1012·4	..	..	..	..	298·1 | -2·2	..	..	..	..	..	..	..
934	♯Ascension Island	7 55	W.14 24	16·8	1012·7	1014·5	+ 0·5	302·9	304·7	5th,17th	297·2	295·2	22nd,23rd	300·1	299·2	+0·1	5	-2..
939	Loanda	8 49	E.13 13	51	..	1011·9	0·0	301·9	304·2	1st	296·2	294·9	21st	299·1	298·4	+1·1	0	-4..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	297·9	300·2	13th,14th	289·7	289·1	sev. dates	293·8	293·8	+1·3	138	-2..
944	Nairobi (Dept.Agric.)	1 16	36 50	1675	..	..	..	296·9	299·1	2,6,12	285·8	281·9	25th,28th	291·3	..	..	81	+..
944a	Zanzibar	6 10	39 11	17·1	1014·2	1016·2	+ 0·7	301·3	303·1	2nd,25th	297·3	295·6	31st	299·3	298·8	0·0	272	+7..
945	Lamu	2 18	40 50	3·0	..	..	..	301·9	305·2	17,19,25	..	..	..	..	..	..	584	+17..
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·8	+ 0·1	303·3	304·7	13th	297·6	296·2	11th	300·4	299·7	+0·3	170	+..
957	Padang	0 56	100 22	6·7	..	1010·9	+ 0·8	302·5	304·2	17th	296·6	295·5	22nd	299·5	299·3	-0·5	236	-7..
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	+ 0·5	303·8	305·7	18th	296·7	295·3	15th	300·3	299·6	+0·1	237	+2..
958a	♯Pontianak	0 1	109 20	2·6	..	1009·2	- 0·3	306·0	308·7	28th	295·6	294·3	13th	300·8	299·6	-0·5	200	+5..
959	Pasuruan	7 38	112 55	5·0	..	1010·1	+ 0·2	304·0	304·9	8th	296·6	294·3	6th	300·3	300·0	+0·5	280	+5..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	180	+..
962	♯Amboina	3 42	128 10	4·2	..	1008·9	- 0·5	301·7	303·7	15th	297·0	296·1	19th	299·3	299·1	+0·1	454	-4..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	282	+6..
965	♯Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	♯Port Moresby	9 29	147 9	38·4	..	1010·4	+ 0·1	303·2	..	..	297·8	..	..	300·5	300·1	+0·6	44	-2..
967	Rabaul	4 9	152 12	12·5	..	1008·7	- 0·1	305·2	306·9	7th	296·0	295·1	15th	300·6	300·0	-0·1	93	+4..
969	♯Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·6	304·7	sev. dates	296·8	295·8	24th	300·2	299·9	-0·4	238	+4..
970	Ocean Island	0 52	169 35	39·6	1005·7	1010·4	+ 0·1	305·5	306·3	sev. dates	299·1	297·4	23rd	302·3	301·6	+1·2	56	-2..
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡ See "Remarks" page 111.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 111,112 and 113.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

MAY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	♯Apia, Samoa	13 48	171 46	2	..	1010·3	- 0·6	302·8	303·9	4th,19th	296·9	294·7	30th	299·9	299·7	+0·4	193	+39
1003	♯Alofi, Niue Island	19 2	169 55	27·4	..	1013·5	- 1·6	302·1	304·1	5th,14th	294·1	290·8	28th	298·1	297·8	+0·7	159	+37
1022	Tacna	18 0	70 18	560	..	..	..	298·2	299·1	1st	284·3	283·0	sev.dates	291·3	290·0	+0·5	0	0
1025	Corumba	18 59	57 39	116	1001·0	1014·2	+ 1·6	301·4	305·8	4,22,23	290·6	282·4	14th	296·0	295·3	-0·8	10	-63
1026	Cuyaba	15 36	56 6	165	994·6	1013·6	+ 1·3	303·3	307·5	23rd	291·7	287·6	17th	297·5	296·4	-0·5	13	-36
1027	Caetite	19 55	43 57	895	918·7	1016·4	+ 0·1	298·9	301·4	6th	285·8	282·2	20th	292·4	291·5	-0·2	1	-13
1028	Ondina (Bahia)	14 3	42 37	897	917·2	1016·2	+ 0·7	299·2	304·6	8th	288·5	285·8	31st	293·8	293·6	-0·7	0	-14
1029	Aracaju	13 0	38 31	46·6	1009·2	1014·7	+ 0·2	300·3	302·7	9th	295·4	293·1	31st	297·8	298·0	-0·1	254	-30
1030a	15°-20° S. 40°-35° W.	10 55	37 3	6·1	1014·3	1015·1	+ 0·3	301·5	302·8	7th,8th Sea Temp.	295·8	294·0	26th	298·6	298·6	..	195	..
1030b	10°-15° S. 40°-35° W.	††17 20	††37 37	§(64-69)	..	1016·3	..	..	..	298·6 | - 0·2	..	..	..	..	298·4	..	..	..
1035	St. Helena	††12 37	††35 58	§(54-57)	..	1015·6	..	..	..	299·7 | + 0·3	..	..	..	..	299·3	..	..	..
1039	Mossamedes	15 57	W. 5 40	579	948·7	1015·5	+ 1·7	291·2	293·0	1st	287·9	286·3	30th	289·6	290·0	-0·7	84	..
1041	Livingstone	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041a	Elisabethville	17 51	25 51	972	910·0	1017·9	..	301·0	304·2	12th	282·7	275·6	14th	291·9	..	..	0	..
1042	Gwelo	19 26	30 2	1411	..	..	..	298·1	302·4	26th	278·5	272·4	16th	288·3	..	-0·5	0	- 5
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·6	1018·6	+ 0·2	296·2	299·9	27th	280·9	275·8	14th	288·6	288·0	-0·3	6	- 6
1044	♯Zomba	15 23	35 18	955	911·1	1017·6	+ 1·3	297·2	301·3	13th	285·3	281·9	15th	291·3	291·0	-0·5	3	-23
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	0	..
1046	Antananarivo	18 55	47 33	1375	867·3	1017·0	+ 0·8	295·6	297·8	3rd	284·1	280·5	31st	289·9	289·4	+0·1	3	-11
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1012·9	1013·6	+ 0·3	301·6	304·2	5th	298·3	296·4	18th	300·1	299·8	-0·1	75	-127
1057	Christmas Island	10 25	105 43	5·5	1007·8	1008·4	+ 0·1	303·1	304·7	6,7,9	297·1	296·3	sev.dates	300·1	299·5	-0·4	262	+36
1061	Kupang	10 10	123 34	45·1	..	1011·4	+ 0·8	304·6	307·3	4th	294·5	292·4	1st	299·5	299·0	-0·2	5	-23
1061a	Derby	17 18	123 40	16·2	1012·4	1014·2	+ 0·7	304·7	307·7	18th	290·4	283·1	30th	297·6	..	-0·6	0	-20
1062	Hall's Creek	18 13	127 46	373	973·5	1015·9	+ 0·9	300·9	305·2	8th,17th	283·4	276·0	30th	292·2	291·6	-2·3	14	+ 4
1063	Darwin	12 28	130 51	29·6	1007·3	1010·7	- 0·2	305·6	307·6	18th	295·5	291·6	29th	300·6	299·4	-0·1	0	-18
1064	Daly Waters	16 16	133 23	211	988·6	1012·5	- 0·6	304·7	307·4	11th	289·3	285·2	8th,9th	297·0	296·4	+0·3	0	- 4
1065	♯Mein	13 13	142 47	122	996·6	1010·7	- 0·1	302·6	304·7	17th	292·6	288·0	19th	297·6	297·0	-0·2	1	-12
1066	♯Georgetown, Queensland	18 22	143 32	302	980·1	1014·3	+ 0·1	303·4	306·3	1st	288·6	279·1	27th	296·0	..	+0·3	0	-10
1066a	Willis Island	16 18	149 59	8·5	1010·6	1011·9	..	300·7	301·8	3rd	296·9	295·3	15th	298·8	298·9	..	12	..
1067	Samarai	10 37	150 40	6·1	..	1010·2	- 0·6	302·2	..	..	296·7	..	..	299·4	299·1	+0·2	446	+122
1072	Suva, Fiji	18 8	178 26	6·1	1010·8	1011·5	- 1·1	302·2	305·2	8th	295·7	293·6	17,25,28	298·9	298·6	+1·2	208	-48
		S.	E.															
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

MAY - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·9	304·4	13th	294·9	290·5	29th	297·9	297·6	+1·7	229	+80
1121	♯Punta Tortuga, Coquimbo	29 56	71 21	27	1014·0	1017·3	+ 0·5	288·7	292·6	25th	284·0	281·9	29th	286·3	286·3	-0·3	9	-21
1122	Iquique	20 12	70 11	9	1014·7	1015·8	+ 0·4	292·1	294·3	1st	282·9	281·3	19th	287·5	289·1	-1·0	0	0
1123	♯Catamarca	28 27	65 47	510	956·2	1015·0	+ 1·6	296·3	304·2	23rd	283·0	279·0	7th	289·7	288·6	-0·8	4	- 9
1124	Salta	24 46	65 28	1182	883·4	1014·7	+ 1·1	293·9	305·4	26th	281·0	275·4	12th	287·5	286·9	-0·5	9	0
1125	Goya	29 9	59 15	26	1012·8	1015·9	+ 1·4	298·0	304·7	25th	284·7	278·5	11th	291·3	290·8	+1·5	19	-50
1126	Asuncion	25 17	57 41	93	1006·8	1017·8	+ 2·9	298·4	306·0	23rd	288·4	282·0	16th	293·4	292·8	+0·8	52	-71
1127	Curityba	25 25	49 17	908	918·2	1018·8	+ 0·7	292·6	299·2	26th	280·8	272·1	14th	286·8	286·4	-0·4	45	-59
1128	Rio de Janeiro	22 54	43 10	18·3	1010·3	1012·4	- 4·4	298·7	304·0	7th Sea Temp.	291·6	288·2	14th	295·2	294·7	-0·1	41	-40
1128a	25°-30° S. 50°-45° W.	††27 35	††47 52	§(52-58)	..	1018·0	..	..	..	293·3 | -0·9	..	..	..	..	293·0	..	..	..
1128b	20°-25° S. 45°-40° W.	††22 18	††41 44	§(29-30)	..	1018·4	..	..	..	295·0 | -1·4	..	..	..	..	296·1	..	..	..
1139	Windhoek	22 34	W. E.17 5	1669	838·0	1016·9	..	295·0	298·1	3rd	282·7	275·4	13th	288·8	288·2	0·0	0	- 8
1140	O'okiep	29 36	17 52	933	914·1	1019·7	+ 0·9	293·8	300·6	8th	282·9	275·9	13th	288·3	287·6	+0·6	4	-20
1141	Kimberley	28 42	24 47	1202	886·8	1021·3	+ 0·7	295·1	301·9	1st	278·8	270·9	14th	286·9	286·3	+0·7	8	-11
1141a	Johannesburg	26 11	28 4	1806	826·9	1021·3	+ 0·9	291·9	298·4	1st	280·3	270·6	13th	286·1	285·7	+0·7	0	-19
1142	♯Bulawayo	20 9	28 35	1349	872·2	1020·6	+ 0·5	296·3	301·1	26th	281·1	273·4	14th	288·7	287·9	-0·5	0	- 9
1143	Durban	29 52	31 3	15·2	1018·3	1020·1	- 0·5	296·8	300·4	3rd	288·6	284·0	13th	292·7	292·1	+0·2	40	- 8
1144	Lourenço Marques	25 58	32 36	59	..	1020·2	+ 1·2	300·0	306·2	11th	287·5	281·4	15th	293·8	293·1	-0·2	19	-21
1147	Mauritius	20 6	57 33	55·2	1011·3	1017·7	+ 1·3	298·2	300·0	2nd	291·4	286·9	31st	294·8	294·5	-0·6	58	-19
		S.	E.															
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 113 and 114.

MAY - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1013·8	1014·2	− 0·2	301·0	304·7	22nd	289·1	281·9	31st	295·0	..	-0·2	17	
1160	Cue	27 27	117 52	454	966·3	1018·3	+ 1·2	296·2	304·1	4th	283·7	279·1	9th	289·9	..	-0·2	28	
1161	Nullagine	21 53	120 5	386	972·8	1016·7	+ 1·3	299·7	304·2	7th	282·7	274·1	30th	291·2	..	-1·9	0	
1162	Laverton	28 40	122 23	466	966·0	1019·7	+ 0·8	294·9	302·4	4th	281·7	275·8	30th	288·3	*288·2*	-0·5	5	
1163	Alice Springs	23 38	133 37	587	951·6	1018·7	+ 0·5	294·9	302·3	9th	279·5	271·3	31st	287·2	*287·1*	-1·2	2	
1164a	§Boulia	22 55	139 38	146	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1165	§Thargomindah	27 58	143 43	123	1003·8	1018·4	+ 0·3	298·7	306·1	9th	283·2	277·6	28th	290·9	*290·8*	-1·9	1	
1166	§Mitchell	26 32	147 52	336	979·3	1017·9	0·0	295·4	302·7	11th	280·4	274·1	31st	287·9	*287·7*	-2·0	0	
1167	§Rockhampton	23 24	150 30	11·3	1014·9	1016·3	− 1·1	296·3	301·9	17th	277·3	268·9	30th	286·8	..	-0·9	5	
1168	§Brisbane	27 28	153 2	41·8	1012·8	1017·4	− 1·2	299·8	303·3	4th	285·7	278·6	28th	292·8	..	-0·6	2	
1170	§Norfolk Island	29 4	167 59	15·2	1015·0	1016·9	− 0·7	297·2	301·2	8th	285·0	280·4	27th	291·1	*290·6*	0·0	1	
		S.	E.		294·4	300·2		8th			289·6	285·8	18th,29th	292·0	*291·6*	+0·4	64	

MAY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

1221	Juan Fernandez	33 37	78 50	345	976·7	1017·4	..	289·4	292·7	7th	..	..	..	..	*286·5*	..	236	
1221a	Punta Tumbes	36 37	73 6	120	1001·6	1016·1	0·0	..	..	..	..	..	..	..	..	..	347	
1222	§Punta Angeles, Valparaiso	33 1	71 38	41	1011·6	1016·6	+ 0·1	289·1	298·6	19th	282·0	279·6	29th	285·5	*285·2*	-1·4	167	
1222a	Santiago	33 27	70 42	520	955·8	1017·1	0·0	291·1	300·6	12th	276·6	272·3	15th	283·9	*282·9*	-0·4	78	
1223	Cordoba	31 25	64 12	423	967·0	1016·7	+ 1·3	293·6	303·7	25th	279·7	270·1	29th	286·7	286·1	-0·1	51	
1224	Bahia Blanca	38 45	62 15	25	1013·3	1016·4	+ 1·9	291·1	297·6	21st	276·8	271·0	28th	284·9	*284·7*	+0·2	16	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·3	1018·2	+ 1·4	292·9	300·3	26th	280·7	273·6	13th	286·8	286·2	+0·4	43	
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1017·5	+ 2·9	..	299·3	26th	..	277·1	17th	..	*287·9*	+0·5	65	
1226a	Porto Alegre	30 2	51 13	23·5	1015·8	1018·6	+ 1·1	295·8	305·1	26th	284·8	275·8	14th	290·3	289·8	-0·1	57	
1226b	30°-35°S. 55°-50° W.	††32 48	††51 45	§(53-61)	..	1019·5	..	..	..	Sea Temp. 290·6 | 0·0	..	..	..	..	290·8	..	..	
			W.															
1239	Cape Town	33 56	E. 18 29	12·2	1019·4	1020·9	+ 3·0	292·3	304·6	8th	283·0	276·6	28th	287·7	*286·2*	-0·2	76	
1240	Danger Point	34 37	19 18	27·7	1016·1	1019·4	+ 1·4	290·1	294·7	1st	285·2	281·3	13th	287·7	..	-0·1	59	
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·7	307·4	1st	279·8	274·7	8th	287·3	..	-0·5	41	
1242	East London	33 2	27 55	44·8	1013·9	1019·2	+ 1·1	295·6	308·6	1st	284·3	279·7	13th	289·9	..	+0·1	42	
1259	Perth (Observatory)	31 57	115 51	60·0	1011·8	1019·1	+ 0·7	293·4	302·8	3rd	383·7	278·9	18th	288·6	*288·6*	-0·3	123	
1260	Katanning	33 42	117 35	310	982·0	1018·7	+ 0·4	291·4	300·1	3rd	279·9	274·3	31st	285·7	..	-0·2	24	
1261	Coolgardie	30 57	121 10	423	970·1	1019·2	0·0	293·9	303·1	4th	280·6	275·3	27th	287·2	*287·1*	-0·1	21	
1262	Eucla	31 45	128 58	4·6	1017·5	1018·0	− 1·0	293·8	302·7	5,6,21	283·0	278·8	9th	288·4	*288·0*	-0·5	23	
1263	Streaky Bay	32 48	134 13	13·1	1018·5	1020·0	− 0·4	292·0	296·9	8th	283·1	277·0	31st	287·6	*287·1*	-0·5	29	
1264	Adelaide	34 56	138 35	42·7	1014·4	1019·5	− 0·5	291·9	301·1	8th	282·7	276·2	31st	287·3	*287·1*	-0·1	56	
1265	Melbourne	37 49	144 58	35·1	1013·0	1017·4	− 1·8	289·3	295·9	9th	281·3	273·5	31st	285·3	*285·0*	0·0	49	
1266	Bourke	30 13	145 58	110	1008·5	1021·6	+ 0·9	294·4	301·3	10th	279·4	274·7	29th, 30th	286·9	..	-1·5	2	
1267	Sydney	33 51	151 13	42·1	1011·3	1016·2	− 2·3	292·3	298·7	17th	283·3	278·7	31st	287·8	*286·8*	-0·1	41	
1268	§Lord Howe Island	31 20	159 0	4·6	1015·9	1016·4	− 1·0	294·4	297·3	3rd	288·1	283·6	25th	291·2	..	0·0	130	
1271	Auckland	36 50	174 50	38·1	..	1014·5	− 1·3	289·6	293·6	6th	283·0	278·0	1st	286·3	..	-0·4	139	
1272	Napier	39 29	176 55	1·5	..	..	..	288·7	292·7	29th	280·9	273·3	18th	284·8	..	-0·5	74	
		S.	E.															

MAY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	
1321	Isla Guafo	43 34	74 45	140	1000·4	1017·4	+ 5·6	283·9	288·1	14th	278·6	275·9	22nd	281·3	*281·8*	-0·4	78	
1322	Punta Galera	40 1	73 44	40	1012·0	1016·9	+ 2·4	285·0	287·2	12th	280·5	277·7	27th	282·7	*282·9*	-1·1	164	
1323	§Sarmiento	45 34	69 0	272	979·3	1012·3	+ 1·7	285·3	290·2	16th	274·3	267·0	30th	279·8	*279·6*	-0·1	2	
1324	§Puerto Madryn	42 49	W. 64 58	14	1011·8	1013·5	+ 2·3	288·9	297·7	20th	275·5	270·2	27th	282·2	*282·6*	-0·8	14	
1365	Launceston	41 27	E.147 10	10·1	1010·7	1011·9	- 4·7	287·8	293·8	8th	278·3	273·7	6th	283·0	*282·4*	+0·1	67	
1366	Hobart	42 53	147 20	53·9	1004·3	1010·9	- 4·4	286·7	292·4	10th	279·8	275·3	31st	283·3	*282·7*	0·0	73	
1370	Invercargill	46 25	168 21	3·7	..	..	..	285·0	291·3	19th	276·2	272·4	31st	280·6	..	-0·2	69	
1371	Dunedin	45 52	170 31	6·1	..	1011·4	- 2·6	285·4	288·6	18th,25th	277·3	272·4	31st	281·4	..	0·0	58	
1371a	Christchurch	43 31	172 39	7·6	..	1012·6	- 1·1	286·1	293·0	22nd	276·5	270·8	8th	281·3	..	-0·5	13	
1372	Wellington	41 16	174 46	3·0	..	1014·2	- 0·8	287·4	290·1	21st	280·8	275·2	7th	284·1	..	-0·5	147	
		S.	E.															

MAY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

1421	Islota de los Evangelistas	52 24	75 6	55	996·0	1002·7	+ 2·4	280·0	284·7	15th	276·5	273·2	21st	278·3	*278·9*	+0·3	300	
1422	Puerto de Punta Arenas	53 10	70 54	28	997·0	1000·4	- 1·7	279·9	286·3	16th	275·4	270·1	27th	277·7	*277·9*	+0·8	57	
1423	§Punta Dungeness	52 24	68 26	5	999·9	1000·5	- 0·1	279·9	283·8	2nd	275·6	270·0	26th	277·7	*278·4*	+0·2	2	
1424	Santa Cruz	50 1	68 31	12	1003·6	1005·1	+ 2·0	283·5	291·8	2nd	273·1	267·8	28th,29th	278·3	*278·2*	+0·1	3	
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	997·4	- 4·3	281·2	284·7	1st	273·8	268·6	29th	277·5	..	+0·4	22	
1426	Cape Pembroke	51 41	57 42	21·3	996·5	999·1	- 2·2	280·2	283·6	5th	274·8	271·3	26th,27th	277·5	277·8	+0·1	..	
1429	§S.Georgia (Cumberland Bay)	54 14	36 33	4	990·3	990·8	- 4·6	276·9	290·2	17th	270·7	265·4	15th	273·8	*273·8*	+0·7	216	
		S.	W.															

MAY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

1527	South Orkneys	60 44	44 39	7	983·7	984·6	- 8·1	269·9	278·1	17th	262·2	251·3	27th	266·1	266·6	+0·6	41	
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ¢Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, JUNE 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE, 1927

BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. JUNE - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	72	1013·8	1014·0	..	279·4	290·4	16th	272·3	267·1	2nd	275·8	..	..	52	..
105	§Barrow	71 23	156 17	7·0	..	1015·2	..	279·2	285·3	25th	271·8	269·7	1,2,9	275·5	..	+0·9	0	- 7
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*276·8*	+2·1	15	+ 2
131	Myggbukta	73 30	21 30	3·2	..	1017·7	..	..	286·2	8th	..	268·7	12th,13th	..	*273·9*	..	5	..
132	Scoresbysund	70 29	21 58	16·9	1015·0	1017·1	..	279·2	285·6	30th	274·2	268·4	20th	276·7	*275·1*	..	8	..
135	§Jan Mayen	70 59	W. 8 18	23·1	1013·7	1016·6	+ 3·3	..	285·2	30th	273·0	270·2	8th	..	*275·0*	-0·7	5	-10
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1011·8	1013·1	+ 0·2	..	282·2	29th	272·4	267·0	2nd	..	274·6	-0·3	17	+ 6
140	Björnöen	74 28	19 17	40·5	1006·8	1011·9	- 0·2	..	288·4	30th	271·5	267·4	6th	..	*273·6*	-0·8	24	+ 3
141	Ingÿ	71 4	24 6	7·5	1009·8	1010·7	+ 0·2	..	291·4	30th	276·8	273·0	7th	..	*279·1*	-0·1	37	- 1
142	Mehavn	71 1	27 47	10·2	1010·6	1011·8	- 0·5	..	294·3	30th	276·8	272·2	6th	..	*279·5*	-0·2	27	-16
143	Vardö	70 22	31 6	11·8	1010·2	1011·6	- 1·7	..	290·6	30th	276·1	270·6	7th	..	*278·4*	-0·3	33	- 7
147	Malye Karmakouly	72 23	52 43	15·3	1008·8	1010·7	- 0·8	279·5	294·9	23rd	273·2	268·3	4th	276·3	*275·9*	+1·9	9	+ 6
148	Waigatz	70 24	58 47	11·2	1009·1	1010·5	..	278·5	293·9	23rd	271·9	262·8	5th	276·2	*275·0*	+0·5	9	-14
153	Dickson	73 31	80 23	13·0	1008·4	1011·0	- 0·8	..	..	..	271·6	264·8	2nd	..	*273·4*	+0·7	..	..
162	Boulounе	70 45	127 47	35	1005·0	1009·3	..	..	..	..	274·6	264·6	2nd	..	*278·7*	-1·3	41	+25
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. JUNE - ZONE 2.

201	Preobrajenye	64 52	175 18	?31	1006·6	1012·2	..	..	..	..	276·1	273·4	24th	..	*279·7*	..	38	..
203	Nome	64 30	165 24	6·7	1006·4	1007·1	- 6·1	286·3	297·4	22nd	276·8	270·3	4th	281·6	*281·6*	+1·4	73	+41
204a	Candle	65 55	161 57	2·4	..	..	..	290·3	296·3	14th,21st	276·3	270·8	8,9,12	283·3	..	+1·7	..	..
205	Bethel	60 45	161 47	11·6	..	..	..	288·2	294·1	20th	279·1	274·1	16th	283·7	..	..	15	..
206	Tanana	65 10	152 6	69·5	1002·0	1009·8	- 2·6	295·9	301·9	13th,14th	281·2	275·2	29th	288·6	*289·3*	+1·8	42	+17
	Rampart	65 30	150 15	114	..	..	..	295·1	301·3	14th,24th	280·5	275·8	1st	287·8	..	+0·4	35	+10
207	Valdez	61 7	146 16	122	..	..	..	286·2	292·4	13th,14th	277·6	273·6	1st	281·9	..	..	84	..
208	Eagle	64 46	141 12	248	976·4	1008·4	- 2·5	295·9	301·9	13th	279·7	273·6	1st	287·8	*288·9*	+1·4	36	- 3
209	Dawson	64 4	139 29	324	970·5	1008·3	- 1·8	296·3	300·2	12th	279·7	274·1	2nd	288·0	*288·3*	+1·2	22	- 9
210	Carcross	60 11	134 34	662	..	..	..	291·7	295·2	13th,25th	275·6	266·3	3rd	283·7	..	+0·4	0	-20
210a	Mayo Landing	63 35	135 51	?579	951·2	1018·7	..	294·7	299·1	23rd	279·1	270·8	1st	286·9	*286·6*	..	41	..
211	Fort Good Hope	66 25	128 53	65·2	1005·1	1012·9	- 1·3	294·1	300·8	11th	281·3	273·6	6th	287·7	..	+2·5	18	+ 2
212	§Fort Simpson	61 52	121 35	129	996·6	1012·0	+ 0·3	294·1	301·9	14th	280·8	274·7	24th	287·4	..	+1·3	52	+11
213	Hay River	60 51	115 20	161	992·3	1011·9	+ 0·6	285·2	298·6	4th	275·2	266·9	9th	280·2	..	-2·8	13	-16
225	Jacobshavn	69 13	51 2	31·6	1006·8	1010·7	- 0·3	281·9	287·8	7th	275·6	272·2	4th	278·7	*278·8*	+1·1	14	- 7
226	Godthaab	64 11	51 43	20·4	..	..	..	..	..	..	275·4	272·8	6th	..	*279·0*	+1·6	58	+25
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	1012·4	1016·1	+ 3·1	282·9	290·2	29th	273·8	270·7	16th	278·3	*277·7*	-0·2	28	-25
231	Stykkisholm	65 5	22 46	25	..	1013·8	+ 2·6	285·7	290·5	14th	278·7	275·1	9th	282·2	*281·8*	+1·0	49	+10
232	Vestmanno	63 24	20 17	132,	..	1013·0	+ 1·0	286·6	291·3	28th	279·3	275·8	30th	282·9	*282·2*	+0·8	44	-39
233	Grimsey	66 33	18 1	22·0	..	1014·3	+ 1·7	282·7	288·4	23rd	277·4	273·5	11th	280·1	*279·4*	+0·9	19	+ 1
234	Teigarhorn	64 41	14 22	18·0	..	1013·5	+ 1·2	286·0	292·9	23rd,25th	277·7	274·0	8th	281·9	*280·7*	+0·4	75	+10
235	Hjÿig	66 3	6 45	22·9	1007·8	1010·6	- 3·4	282·3	287·4	30th	277·5	273·7	11th	279·9	*280·1*	-2·2	53	-15
236	Lerwick	60 8	W. 1 11	18·0	..	1007·6	- 6·4	283·8	287·4	30th	279·4	274·7	11th	281·6	*281·7*	-1·1	72	+27
237	Bergen (Met.Obs.)	60 24	E. 5 19	44·4	1002·6	1008·0	- 5·4	286·3	292·2	26th	280·3	275·1	10th	283·3	*282·8*	-2·1	123	+34
238	Aalesund	62 28	6 10	6·3	1007·1	1007·9	- 5·9	..	292·8	27th	280·8	275·8	11th	..	*282·6*	-1·3	48	- 5
239	Trondhjem	63 26	10 25	59·2	1001·0	1008·2	- 5·8	288·1	296·7	28th	280·0	274·3	12th	284·1	*284·1*	-0·9	30	-13
240	Bodö	67 17	14 24	22·3	1006·2	1008·9	- 4·6	..	298·3	29th	280·4	277·4	16th	..	*283·2*	+0·4	49	- 4
241	Haparanda	65 50	24 9	9·2	1007·6	1008·7	- 2·4	289·7	299·0	30th	280·3	276·0	1st	285·3	*285·0*	+0·5	44	+ 7
242	Helsingfors	60 10	24 57	11·7	1008·7	1010·1	- 2·3	289·4	295·1	19th	282·0	278·9	11th	285·7	*285·2*	+1·0	45	- 1
242a	Kuopio	62 55	27 40	233	981·9	1009·7	- 1·7	289·6	295·5	29th	281·4	276·5	1st	285·5	*285·0*	-1·4	75	+17
243	Kola	68 53	33 0	6·7	1010·3	1011·1	- 1·7	286·7	298·4	20th	277·9	271·9	5th	282·3	*282·7*	+0·9	33	+ 3
244	Petrozavodsk	61 47	34 23	79·0	1000·4	1009·9	- 2·7	290·3	298·3	29th	281·8	275·9	2nd	286·1	*285·8*	-0·4	88	+30
245	Arkhangelsk	64 34	40 31	6·3	1009·5	1010·3	- 1·7	290·9	300·9	27th	281·4	272·4	5th	286·1	*286·1*	+1·2	35	-10
246	Mezen	65 50	44 16	14·9	1009·1	1010·9	- 1·2	288·3	302·0	22nd	278·9	270·3	1st	283·6	*283·8*	+1·0	61	+19
247	Ust-Tsylma	65 25	52 18	68	1001·4	1009·6	- 2·0	290·1	303·9	24th	280·5	269·7	1st	285·3	*284·8*	+1·6	28	-22
248	§Tcherdyn	60 24	56 31	?208	985·9	1010·5	+ 0·6	293·9	302·5	9th	283·2	271·0	6th	288·6	*287·9*	+0·7	95	+43
249	Berezov	63 56	65 4	46	1005·4	1010·9	+ 0·1	290·4	301·1	10th	281·7	270·0	6th	286·0	*286·4*	+2·9	17	-34
251	Obdorsk	66 31	66 36	35·2	1008·2	1012·5	+ 0·1	287·9	298·9	23rd	280·0	270·6	2nd,6th	284·0	*284·0*	+3·7	30	- 3
252	New Port	67 42	72 57	3·3	..	..	..	283·6	295·3	11th	274·8	265·2	2nd	279·2	*279·1*	..	20	..
253	Sourgout	61 15	73 24	40	1003·6	1008·4	- 1·0	..	..	..	..	..	..	..	*286·8*	+1·2	46	-13
254	Doudinka	69 23	86 4	?20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Touroukhansk	65 47	87 57	?45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilioujsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	984·0	1003·5	..	293·5	303·2	10th	279·8	273·3	12th	286·6	*287·1*	..	10	..
268	Naiakhan	61 55	158 59	29·0	1001·0	1004·5	..	286·4	293·3	29th	277·2	273·1	2nd	281·8	*282·6*	..	49	..
271	Novo Mariinskii Post	64 45	177 33	?17	1006·4	1008·5	- 4·7	..	295·0	26th	..	271·5	11th	..	*278·3*	+0·5	28	+ 7
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
¢Change of normals, see pages 105 and 106.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St.Paul Island	57 15	170 10	12·2	..	1004·0	- 8·4	279·7	284·1	21st,22nd	274·5	273·0	10th,16th	277·1	..	-0·8	64	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1001·6	1002·0	-10·2	283·5	288·6	25th	277·2	273·6	15th	280·3	*280·4*	-0·5	129	..
304	Charnofski Harbor	54 27	166 42	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	♯Dillingham	59 0	158 28	24·4	..	..	..	289·4	300·2	22nd	276·8	273·0	20th	283·1	..	-1·5	73	..
306	♯Kodiak (Radio)	57 47	152 22	4·6	1008·7	1009·5	- 5·5	286·1	293·0	24th	278·6	276·3	3rd,22nd	282·3	*281·9*	-0·9	‡192	..
309	Sitka	57 3	135 19	19·8	..	..	..	289·4	293·0	3,4,11	281·7	276·9	1st	285·6	..	+1·8	48	..
310	Prince Rupert	54 18	130 18	51·8	1010·1	1016·4	- 0·4	290·2	298·6	7th	280·8	277·4	1st,30th	285·5	*285·3*	+0·8	74	..
311	Barkerville	53 2	121 35	1274	868·9	1011·2	- 0·1	289·7	298·0	21st	278·0	274·1	2,15,26	283·8	*283·4*	+0·9	104	..
312	Kamloops	50 41	120 29	385	969·9	1014·3	- 1·3	299·1	306·9	21st	285·6	279·2	30th	292·3	*292·2*	+1·4	75	..
313	Calgary	51 2	114 2	1045	894·2	1011·4	+ 1·7	293·6	300·2	6th	279·7	273·6	1st	286·6	*286·1*	+0·1	112	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	291·6	298·8	15th	281·3	271·1	9th	286·5	*287·3*	+1·9	45	..
315	Prince Albert	53 10	105 38	442	960·0	1011·5	+ 1·1	294·1	301·3	28th	280·8	273·0	10th	287·4	*287·3*	-0·2	62	..
316	Qu'Appelle	50 30	103 47	645	935·8	1009·4	- 0·6	295·2	301·3	26th,29th	281·3	271·3	11th	288·3	*288·5*	+0·2	29	..
317	Minnedosa	50 15	99 50	515	951·6	1011·1	- 0·4	293·6	300·8	26th	281·7	273·0	4th	287·7	*287·7*	-0·8	27	..
318	Berens River	52 18	97 23	216	..	..	..	295·6	305·8	27th	273·8	266·9	1st	284·7	..	-2·4	39	..
318a	Port Nelson	57 0	92 51	14·9	1008·4	1010·2	- 3·1	281·9	302·4	27th	274·7	268·0	1st	278·3	..	-2·0	23	..
319	Pagwa	50 3	85 18	189	..	..	..	291·8	306·3	30th	278·3	269·1	1st	285·1	..	-2·3	91	..
320	Moose Factory	51 14	80 30	9·1	1009·2	1010·3	- 2·7	289·7	308·6	30th	278·0	269·1	1st	283·8	..	-2·0	55	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	288·4	300·8	30th	281·9	?262·4	4th,7th	285·1	..	-0·4	126	..
324	Natashquan	50 8	61 48	6·1	..	..	..	285·7	293·0	20th	277·3	271·9	5th	281·5	..	-1·4	123	..
326	Belle Isle	51 53	55 23	130	995·0	1011·5	+ 0·7	280·3	290·8	23rd Sea Temp.	274·8	270·8	9th	277·6	*277·4*	-0·5	69	..
331	55°-50° N. 30°-25° W.	††52 13	††27 37	§(51)	..	1012·1	..	..	..	285·8 | +1·0	..	..	..	..	..	..	..	..
333	53°-46° N. 20°-15° W.	††50 31	††17 19	§(48)	..	1017·6	..	..	..	287·1 | +0·3	..	..	..	..	..	..	..	..
333a	62°-57° N. 20°-15° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	286·9	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1012·9	1014·6	- 1·4	288·4	292·5	14th	283·0	277·4	7th	285·7	285·6	-1·2	95	..
335	Aberdeen	57 10	W. 2 6	28·0	1006·3	1009·5	- 5·3	285·9	290·7	18th	279·9	276·2	15th	282·9	282·9	-1·6	64	..
336	Greenwich	51 28	0 0	46·3	..	1013·1	- 3·3	292·9	302·4	16th	282·1	278·6	4th,13th	287·5	286·7	-1·2	66	..
337	Uccle	50 48	E. 4 22	100	1001·4	1013·3	- 2·9	293·5	301·6	17th	282·8	278·7	5th	288·1	286·9	-0·8	72	..
338	De Bilt	52 6	5 11	3·0	1012·1	1012·5	- 3·4	291·3	302·5	18th	282·3	275·7	7th	286·8	286·2	-2·1	147	..
338a	Hamburg	53 33	9 58	40·3	1007·9	1012·7	- 2·5	291·0	301·8	17th	281·7	278·1	10th	286·3	*286·2*	-2·3	95	..
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1010·3	1010·9	- 3·3	289·1	293·8	17th	281·5	276·3	11th	285·3	*285·5*	-1·4	92	..
340	Potsdam	52 23	13 4	84·9	1003·4	1013·6	- 1·4	292·8	305·3	1st	282·6	278·7	10th	287·7	287·2	-1·7	112	..
340a	Uppsala	59 51	17 38	24	1005·2	1008·1	- 4·7	290·3	298·1	18th	280·9	276·7	9th	285·6	285·9	-1·2	60	..
341	Warsaw	52 13	21 3	89·9	1003·5	1014·2	+ 1·5	294·1	305·8	2nd	284·3	279·0	11th	289·2	*289·5*	..	75	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1001·8	1011·5	- 1·2	291·7	300·1	19th	282·1	277·0	13th	286·9	286·8	-1·2	96	..
343	Leningrad	59 56	30 16	8·6	1009·8	1010·8	- 1·7	290·7	298·3	29th	282·6	278·6	11th	286·7	*286·3*	-1·4	75	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	187	992·4	1012·1	- 0·1	294·1	299·4	7th	284·8	278·6	2nd	289·5	*289·3*	+0·7	123	..
345	Saratov	51 32	46 2	127	998·0	1012·8	+ 2·5	299·9	308·2	16th	287·6	282·3	3rd	293·7	*293·3*	+2·4	22	..
346	Kazan	55 47	49 8	79·9	1003·1	1012·5	+ 1·3	297·9	304·8	17th	286·0	277·7	6th	291·9	*291·5*	+1·1	51	..
347	Orenburg	51 45	55 6	109	1000·7	1013·4	+ 1·6	301·2	308·7	22nd	286·1	275·1	7th	293·7	*294·3*	+1·7	19	..
348	Perm	58 1	56 16	163	992·4	1011·6	+ 0·8	295·1	302·0	25th	283·7	272·2	6th	289·4	*289·3*	+0·8	93	..
349	Sverdlovsk	56 50	60 38	281	977·9	1010·7	+ 1·0	294·9	302·2	9th	283·4	271·6	6th	289·2	*289·2*	+1·4	41	..
350	♯Tobolsk	58 12	68 14	108	997·5	1010·2	- 0·9	..	..	..	285·4	274·1	6th	..	*289·7*	+1·0	73	..
351	♯Akmolinsk	51 12	71 23	353	970·0	1010·7	- 0·4	298·8	307·2	21st	283·2	271·9	7th	291·0	*291·3*	+0·5	40	..
352	♯Omsk	55 1	73 19	108	997·2	1009·9	+ 0·1	297·4	304·6	20th	283·4	273·2	7th	290·4	*290·3*	+0·5	26	..
353	Barnaoul	53 20	83 48	158	991·8	1010·4	+ 0·7	..	304·9	5th	282·4	274·2	8th	..	*289·4*	-0·7	43	..
354	Tomsk	56 30	84 58	122	995·5	1010·0	+ 0·9	294·6	305·6	30th	281·8	272·9	9th	288·2	*288·4*	+0·4	26	..
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	?20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	998·5	1004·6	- 3·7	286·2	304·4	11th	278·1	270·4	3rd	282·2	*281·9*	-2·5	103	..
366	Okhotsk	59 21	143 17	5·5	1004·7	1005·4	- 5·9	284·0	293·7	28th	277·3	272·1	3rd	280·6	*280·5*	+2·2	44	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	992·7	1003·3	- 7·9	..	..	..	278·0	274·3	1st	..	*279·7*	-0·1	52	..
369	Kluchevskoye	56 21	160 48	?30	1000·3	1003·8	..	..	..	..	278·5	273·5	13th	..	*282·3*	..	39	..
370	Nikolskoe	55 12	165 59	6·8	1003·1	1003·9	..	281·3	288·4	28th	..	..	..	..	‡*279·4*	..	45	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 &
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·1	1015·5	- 1·3	291·3	301·0	20th	283·3	281·4	28th	287·3	286·9	+0·4	21	0
412	Portland, Oregon	45 32	122 41	46·6	1010·8	1016·2	- 1·1	296·2	306·3	20th	285·8	280·8	2nd	291·0	*290·9*	+1·7	68	+27
413	Macleod	49 44	113 24	953	..	..	..	294·2	300·8	27th	281·4	274·7	1st,5th	287·8	*288·0*	0·0	54	-11
414	Helena	46 34	112 4	1253	872·7	1012·5	- 0·1	295·3	305·2	25th	282·5	277·4	2nd	288·9	*288·7*	+0·3	25	-34
414a	Salt Lake City	40 46	111 54	1329	865·2	1010·5	- 0·3	299·6	309·1	25th	287·4	279·7	1st	293·5	*293·5*	+0·2	23	+ 2
415	Cheyenne	41 8	104 48	1856	813·9	1012·5	+ 0·3	294·3	305·8	24th	281·6	275·2	13th	287·9	*287·6*	-1·4	51	+13
416	North Platte	41 8	100 45	860	916·0	1013·5	+ 0·5	298·1	311·3	24th	286·2	279·1	12th	292·1	*292·1*	-1·3	115	+35
416a	Bismarck	46 47	100 38	510	953·0	1012·5	0·0	295·6	304·7	27th	284·1	277·4	12th	289·8	*289·7*	-1·2	69	-16
417	Winnipeg	49 53	97 7	232	984·3	1011·5	- 0·3	295·0	302·4	27th	283·7	274·7	13th	289·3	*289·6*	-0·5	45	-34
418	Duluth	46 47	92 6	345	972·9	1013·9	+ 0·7	292·7	304·7	28th	280·7	274·7	1st	286·7	*286·7*	-0·6	103	- 3
419	Port Arthur	48 27	89 12	196	989·8	1013·1	- 1·0	290·8	303·0	7th	280·8	276·9	23rd	285·8	*285·8*	-0·9	77	+ 7
420	Chicago	41 47	87 35	205	991·4	1015·9	+ 1·4	295·6	307·4	29th	286·0	281·3	24th	291·2	*290·9*	-1·9	65	-19
421	Toronto	43 40	79 24	116	1001·3	1015·1	+ 0·4	295·7	308·7	30th	283·4	277·3	2nd	289·5	289·3	-1·2	64	- 4
422	♯New York (Central Park)	40 47	73 58	47·4	1010·6	1016·2	+ 0·4	297·6	304·7	10th	287·6	283·0	6th	292·6	292·2	-1·8	94	+ 8
423	St. John, N.B.	45 17	66 4	36·3	1009·2	1013·6	0·0	290·9	297·2	9th	281·3	277·2	3rd	286·1	285·7	-0·5	96	+13
424	S.W. Point, Anticosti	49 24	63 33	9·1	1011·3	1012·4	+ 0·9	283·8	289·7	19th	278·2	273·8	3rd	281·0	*281·3*	-1·5	79	+ 6
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·2	1015·1	- 0·2	285·8	289·7	23rd,28th	281·3	277·4	18th	283·6	*283·1*	+0·2	83	- 8
425	Port aux Basques	47 35	59 10	9·1	1012·4	1013·5	- 0·1	285·4	291·6	19th	278·2	273·3	4th	281·8	*281·5*	-0·1	92	-14
426	St. John's, Newfoundland	47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·0	1014·1	- 1·4	298·7	306·3	22nd	287·7	282·5	5th	293·2	*292·9*	+0·6	26	-10
436	Nantes	47 15	W. 1 34	36·5	1011·4	1015·8	- 1·6	293·0	300·0	16th	284·0	280·3	9th	288·5	288·5	-0·9	55	- 2
437	Paris(Parc St. Maur)	48 49	E. 2 30	50·3	1009·3	1015·3	- 2·0	293·4	302·3	16th	283·4	280·0	27th	288·4	288·5	-1·0	99	+43
438	Marseille	43 18	5 23	75	..	1014·5	- 0·3	299·6	303·7	16th	287·7	283·6	28th	293·6	*293·0*	+0·3	10	-18
438a	Zürich	47 23	8 33	493	959·0	1016·0	- 0·6	295·5	303·3	17th	284·0	279·1	6th	289·8	289·8	-0·2	132	- 1
439	Rome	41 54	12 27	45·5	1010·3	1015·6	+ 0·4	303·0	307·9	16th	291·4	287·3	6th	297·2	*297·1*	+2·5	25	-15
440	Vienna	48 15	16 22	203	990·9	1014·7	- 0·1	295·6	304·3	2nd	286·1	282·0	8th	290·9	290·8	-0·5	77	+ 7
440a	Budapest	47 31	19 1	130	999·6	1014·8	+ 0·8	300·5	308·1	2nd	287·0	282·0	29th	293·7	293·7	+1·3	46	-25
441	♯Sofia	42 42	23 20	550	952·9	1015·0	+ 0·9	300·8	306·0	28th	287·3	282·2	9th	294·1	*294·3*	+3·0	50	-31
442	Bucharest	44 25	26 6	82	1005·5	1015·0	+ 2·2	303·0	309·4	28th	288·7	284·3	9th	295·9	295·6	+2·1	48	-40
443	Odessa (Observatory)	46 26	30 46	42·8	1010·5	1015·5	+ 2·5	..	303·3	5th	..	284·7	8th,25th	..	*293·3*	+0·5	31	-25
444	Kharkiv(University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1009·6	1013·9	+ 1·3	300·5	305·4	13th	290·2	285·0	9th	295·3	*295·2*	+2·1	13	-45
445	Tiflis	41 43	44 48	404	966·6	1012·3	+ 0·8	302·6	307·7	21st	290·2	287·7	5,14,25	296·4	*296·5*	+2·6	34	-39
446	Astrakhan	46 21	48 2	-20·0	1015·9	1013·6	+ 1·8	301·7	307·0	22nd	293·1	288·5	4th	297·4	*297·1*	+1·6	12	- 6
447	Fort Alexandrovsk	44 31	50 7	-23·0	1016·0	1013·5	+ 2·6	301·3	306·8	14th	293·0	285·6	4th	297·2	*297·1*	+1·2	1	-11
448	Krasnovodsk	40 0	52 59	- 4·6	1011·6	1011·0	+ 0·9	305·2	310·5	7th,19th	295·8	291·0	3rd	300·5	*299·7*	+1·5	0	- 9
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	289·8	279·8	7th,8th	..	*297·7*	+1·5	2	- 4
450	Tashkent	41 20	69 18	478	953·2	1006·3	- 0·8	306·9	310·8	21st	290·4	279·0	8th	298·7	*298·7*	+1·0	0	-12
451	Narynskoe	41 26	76 13	2015	..	..	..	294·4	297·8	10th	280·2	277·1	10th	287·3	*287·4*	-0·2	36	- 6
452	Alma Ata	43 16	76 53	841	916·4	1009·1	+ 0·5	300·9	307·0	28th	287·3	275·1	8th	294·1	*294·0*	+1·2	3	-57
461	Moukden	41 48	123 23	43·6	999·7	1004·8	+ 0·4	301·9	307·7	9th	288·9	283·4	18th	295·4	295·0	+0·3	38	-50
462	Joshin	40 40	129 11	31·9	1003·5	1007·3	+ 0·2	292·9	301·3	9th	285·3	281·6	6th	289·1	288·4	-0·1	100	+42
463	Yuki	42 20	130 24	63·8	998·9	1006·5	- 0·7	291·9	303·2	8th	284·5	279·0	3rd	288·2	288·0	+0·4	108	+24
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1002·1	1005·4	- 3·3	290·6	301·0	30th	278·7	272·7	4th	284·7	284·3	+0·5	59	-23
466	Nemuro	43 20	145 35	26·7	1005·0	1008·2	- 1·9	289·2	299·3	7th	280·1	276·2	3rd	284·7	284·3	+1·4	126	+33
466a	Oyana	45 14	147 53	39·3	1003·1	1007·9	- 2·4	287·5	296·1	30th	277·6	272·7	23rd	282·5	282·8	+0·6	39	-20
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

JUNE - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
508	35°-30° N. 145°-140° W.	N. ..	W. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1007·9	1013·5	- 1·0	292·2	306·9	30th	284·8	282·4	1st	288·5	*287·4*	+1·5	10	+ 6
512	San Luis Obispo	35 18	120 39	61·3	1007·1	1014·5	- 0·1	295·8	304·7	22nd	283·6	281·3	1st	289·7	..	+0·5	3	+ 1
512a	Sacremento	38 35	121 30	21·0	1008·9	1011·2	- 0·5	302·7	311·3	15th	286·2	281·9	1st	294·4	*294·6*	+0·6	14	+11
513	San Diego	32 43	117 10	28·5	1009·8	1012·8	0·0	292·8	296·9	25th	287·9	285·8	7th	290·4	*289·9*	-0·1	3	+ 1
514	Modena	37 48	113 54	1668	832·0	1009·1	- 0·5	300·5	306·3	23rd	282·2	274·7	3rd	291·3	*291·1*	+0·7	11	+ 2
515	Santa Fé	35 41	105 57	2138	789·0	1009·8	+ 0·5	297·8	304·7	25th	284·1	276·3	3rd	290·9	*291·1*	-0·8	83	+53
516	Denver	39 45	105 0	1613	837·6	1012·5	+ 0·7	297·4	308·0	28th	284·8	279·1	13th	291·1	*290·9*	-1·5	70	+36
517	Abilene	32 23	99 40	530	952·8	1012·5	+ 0·5	306·2	312·4	2nd	293·3	287·4	14th	299·8	*299·1*	+0·7	23	-46
518	Saint Louis	38 38	90 12	173	995·0	1015·2	+ 0·8	299·2	307·4	30th	290·4	285·2	6th	294·8	*294·7*	-2·1	66	-50
519	Mobile	30 41	88 2	17·4	1013·8	1015·9	+ 0·4	303·9	308·0	5th	296·0	292·4	25th	300·0	*299·6*	+0·8	145	+ 9
520	Nashville	36 10	86 47	166	996·9	1016·2	+ 0·7	300·6	306·9	30th	291·4	285·2	7th	296·0	*296·1*	-1·4	114	+ 7
521	Charleston	32 47	79 56	14·6	1014·7	1016·6	+ 0·1	302·9	309·7	5th	295·1	290·2	16th	299·0	*299·1*	+0·4	104	-18
522	Washington	38 54	77 3	34·1	1011·9	1015·9	+ 0·4	298·7	308·0	29th	287·9	283·0	6th	293·3	*293·2*	-2·1	102	- 3
524	Bermuda	32 17	64 46	46·0	1013·5	1018·8	- 0·2	300·7	303·3	25th,28th	293·3	289·3	1st	297·0	*297·1*	-0·2	199	+88
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see pages 107 and 108.

JUNE - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1020·1	1024·8	- 1·0	293·2	298·0	18th	289·2	286·3	10th	291·2	*291·3*	-1·2	108	
531	Horta	38 32	28 38	65	1016·9	1024·7	+ 0·7	293·9	296·9	18th	289·4	287·4	2nd	291·7	291·3	-0·8	26	
532	Ponta Delgada	37 44	25 40	22	1021·6	1024·2	+ 0·8	293·9	297·5	20th	289·4	287·0	2nd,3rd	291·7	291·6	-0·1	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	27	
533	Madeira (Funchal)	32 38	16 55	25	1017·8	1020·8	·0·0	295·2	297·0	13th	291·4	288·3	1st	293·3	*293·5*	+1·0	0	
535	Lisbon	38 43	9 9	95	1005·7	1016·9	- 0·4	298·3	310·0	20th	289·8	286·8	29th	294·0	293·5	+1·2	1	
535a	Melilla	35 17	2 59	40	1011·8	1016·5	..	298·7	301·6	17th,18th	292·6	289·7	2nd	295·7	*295·9*	-0·2	11	
536	∮Gibraltar	36 6	5 21	16·2	..	1016·6	- 0·9	299·8	303·0	22nd,23rd	291·1	288·0	1st,2nd	295·4	*294·3*	-1·0	5	
536a	Colomb-Béchar	31 36	W. 2 4	769	925·5	1008·8	..	309·6	313·2	13th	295·2	288·0	2nd	302·4	*302·4*	..	0	
537	Palma	39 34	E. 2 39	23	1013·0	1015·7	- 1·7	300·6	305·8	15th	289·2	284·2	6th	294·9	*294·5*	-0·1	5	
538	∮Algiers (Bouzaréah)	36 48	3 2	342	975·4	1014·7	- 0·9	298·0	304·9	14th	290·4	288·3	6th	294·2	293·4	+0·5	0	
538a	∮Gadames	30 9	9 30	351	..	..	..	314·9	322·9	15th	294·5	290·0	20th	304·7	..	-0·4	1	
539	Tunis	36 48	10 10	75	1007·5	1016·1	..	304·4	316·4	30th	292·5	286·6	6th	298·5	*298·0*	+2·6	3	
539a	Malta	35 54	14 31	56·4	..	1015·7	+ 1·0	301·1	306·0	30th	294·1	289·7	8th	297·6	*295·7*	+2·0	0	
540	Riposto	37 41	15 14	14·2	..	1017·1	+ 0·4	300·6	303·0	13th	292·3	289·2	7th	296·5	*295·3*	+0·6	0	
541	Athens	37 58	23 43	107	1001·1	1013·3	+ 0·6	304·9	308·8	21st	294·9	291·0	10th	299·9	299·4	+2·5	0	
542	Alexandria	31 12	29 53	32·0	1007·9	1011·6	- 1·1	301·5	304·6	30th	295·0	293·0	3rd	298·2	*298·3*	+1·5	0	
543	Ankara (Angora)	39 58	32 48	970	904·2	1010·3	- 1·3	300·4	304·6	27th	287·3	283·8	18th	293·8	*294·4*	..	20	
543a	∮Nicosia (P.W.D.)	35 9	33 22	159	989·9	1007·6	- 1·2	307·6	311·3	26,28,30	291·7	289·1	4th,14th	299·6	..	+1·3	0	
544	Beirut	33 54	35 28	33·7	..	1009·4	- 2·5	302·5	304·8	30th	294·6	293·1	15th	298·5	*298·5*	+1·2	0	
545	Hinaidi	33 17	44 29	32·3	..	1002·9	- 1·2	316·6	319·7	17th	297·2	294·1	1st,11th	306·9	*306·8*	+1·6	0	
546	Lenkoran	38 46	48 51	-20·0	1014·8	1012·6	+ 1·7	..	306·1	20th	291·2	285·9	1st	..	*296·3*	+0·1	22	
547	Tehran	35 41	51 25	1220	..	..	..	308·5	311·5	20th	294·6	290·7	1st	301·5	*301·1*	+1·7	2	
548	Meshed	36 17	59 38	946	873·5	..	..	306·8	309·1	21st,22nd	287·6	281·9	9th	297·2	..	+1·0	1	
549	Seistan	31 0	61 30	610	..	..	..	310·9	313·9	27th	296·7	294·1	1st	303·8	..	0·0	0	
550	Quetta	30 11	67 3	1877	828·9	..	+ 1·1	305·7	309·2	27th	285·7	279·7	1st	295·7	*295·3*	-1·1	0	
551	Peshawar	34 2	71 37	339	962·9	999·8	+ 1·2	314·7	318·7	29th	297·0	293·1	1st	305·9	*305·7*	-0·2	0	
551a	Lahore	31 34	74 20	214	975·7	999·1	+ 1·0	314·1	319·1	7th	299·6	293·4	9th	306·8	*306·7*	-0·2	14	
552	Simla	31 7	77 8	2204	779·0	..	+ 1·1	296·4	299·2	8th	289·5	283·6	21st	292·9	*292·5*	0·0	80	
552a	Leh	34 10	77 42	3503	666·8	..	+ 1·3	292·2	295·7	21st	278·3	274·7	1st	285·2	*284·6*	-2·3	12	
559	∮Hankow	30 35	114 17	37·0	1002·2	1006·4	+ 1·0	304·5	309·1	2nd	295·5	291·3	17th	300·0	*299·3*	+0·6	186	
560	∮Tientsin	39 10	117 10	5·0	1003·7	1004·2	- 0·4	306·5	313·4	24th	291·7	285·4	1st	299·1	*298·5*	+1·2	5	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1006·8	+ 0·5	301·1	306·9	15th	292·3	289·4	19th	296·7	295·8	-0·2	206	
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1000·4	1008·3	+ 1·4	298·0	303·1	22nd	288·9	285·6	1st	293·5	292·7	+0·4	61	
562a	Nagasaki	32 44	129 52	133	993·3	1009·1	+ 0·7	298·0	303·8	28th	290·3	286·4	19th	294·2	293·7	-0·8	262	
563	Kyoto	35 1	135 44	42·9	1004·6	1009·6	+ 1·0	301·1	308·0	29th	288·1	284·0	4th	294·6	294·2	+0·1	122	
564	Tokyo	35 41	139 46	5·8	1008·1	1009·8	+ 0·6	298·1	303·2	29th	289·2	285·3	23rd	293·7	293·5	0·0	121	
565	∮Hukusima	37 45	140 24	62·0	1001·9	1009·1	+ 0·3	300·1	307·4	29th	286·3	277·2	4th	293·2	292·6	+0·5	76	
566	Miyako	39 38	141 59	30·4	1005·1	1008·7	- 0·6	295·5	302·0	30th	284·6	278·2	4th	290·1	289·4	+0·4	63	

JUNE - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1018·9	1019·6	+ 1·7	300·3	303·0	23rd,26th	293·2	291·3	15,20,27	297·0	*296·5*	+0·1	9	
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	0·0	300·3	302·4	26th	295·7	293·6	6th	298·2	*298·1*	+0·4	6	
613	Guaymas	27 55	110 53	8·3	1008·8	1009·9	..	306·1	311·5	5th	297·8	293·5	13th	302·0	*300·9*	-0·8	0	
615	Chihuahua	28 38	106 4	1423	857·6	1005·1	- 1·2	305·8	309·5	1st	291·3	286·0	15th	298·5	*299·6*	+0·4	20	
616	Leon	21 7	101 41	1809	820·4	1007·6	- 0·6	300·3	306·4	1st	287·9	284·5	28th	294·1	*293·4*	-2·0	256	
616a	Monterry	25 40	100 18	528	951·4	1009·9	+ 0·3	303·7	309·6	3rd	294·6	292·6	6th	299·2	*298·6*	-1·3	359	
617	∮Tulancingo	20 5	98 22	2181	789·1	1009·7	- 0·6	297·4	303·0	11th,12th	284·7	281·4	28th	291·0	*289·6*	-0·4	131	
618	Galveston	29 18	94 50	16·5	1013·0	1015·2	+ 0·5	302·6	305·2	26th	297·7	293·6	14th	300·1	*299·9*	0·0	78	
618a	New Orleans	29 57	90 4	16·2	1014·0	1015·6	+ 0·3	304·3	308·0	26th	297·2	294·1	10th	300·8	*300·2*	+0·6	198	
619	∮Merida, Yuc.	20 58	89 38	22	1010·7	1013·2	0·0	306·2	309·0	3rd	297·4	295·0	10th	301·8	*301·1*	+1·3	135	
620	Havana	23 7	82 25	77·0	..	1015·6	+ 0·2	305·2	306·8	17th	296·5	295·0	2nd	300·9	300·2	..	273	
620a	Key West	24 33	81 48	6·7	1015·8	1016·6	+ 1·0	305·1	306·3	14th	299·7	296·9	1st	302·4	*302·5*	+1·7	4	
621	Nassau, Bahamas	25 5	77 21	7·3	..	..	..	303·6	..	..	298·8	..	..	301·2	*302·2*	+0·9	0	
622	∮Watling Island	24 6	74 26	33·5	1014·3	1018·1	+ 1·1	..	304·7	30th	..	297·4	1st,3rd	..	*300·8*	-0·1	..	
633	Port Etienne	20 56	17 3	4	..	..	..	302·0	305·0	17th	293·1	289·6	5th	296·7	*294·7*	..	..	
634m	Izaña	28 19	16 30	2367	771·2	..	+ 0·6	290·7	298·2	24th	282·2	273·2	1st	286·4	*285·8*	+0·6	0	
634	La Laguna	28 28	16 20	547	955·2	1017·9	- 0·1	295·8	301·3	24th	287·5	283·3	8th	291·6	*291·0*	+0·5	12	
636	Adrar	27 38	W. 0 4	285	979·3	1010·7	..	317·0	320·3	28th	297·2	294·2	18th	307·1	*310·0*	..	0	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	309·7	312·6	20th	294·6	292·0	19th	302·2	*304·5*	..	0	
641	Giarabub	29 45	24 31	49	..	..	..	311·4	315·0	7th	300·7	298·0	3rd,11th	306·0	*305·3*	..	0	
642	Siwa	29 12	25 29	-23	1014·7	1012·0	..	311·3	315·0	29th	293·9	291·0	1st,14th	302·6	..	..	0	
643	∮Cairo (Helwan)	29 52	31 20	116	997·1	1010·3	- 0·5	308·4	313·7	3rd	293·6	290·1	14th	301·0	*301·0*	+0·8	0	
643a	Aswan	24 2	32 53	100	996·7	1007·6	+ 0·2	314·6	318·5	8th	296·9	293·7	11th	305·8	*305·7*	+0·3	..	
644	Tor	28 14	33 37	1·9	..	..	..	..	..	..	..	..	..	..	..	..	..	

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JUNE - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	998·8	999·3	..	308·0	317·2	27th	300·9	295·9	1st	304·4	*303·7*	+1·3	0	0
648	Jask	25 45	57 45	4·0	998·6	999·1	..	309·7	314·7	15th	302·6	300·3	2nd	306·1	*305·4*	+1·0	0	- 2
649	Karachi	24 53	66 57	4·0	1002·0	1002·5	+ 2·1	305·4	306·2	2nd,10th	301·2	298·7	1st	303·3	*302·6*	0·0	0	-22
650	Jacobabad	28 17	68 29	56·7	992·8	999·0	+ 1·8	317·7	320·7	24th	302·4	298·5	2nd	310·1	*309·6*	-0·2	0	- 5
651	Jaipur	26 56	75 52	436	954·1	1000·9	+ 1·5	314·1	317·7	4th	301·2	296·6	13th	307·7	*306·9*	+1·4	3	-56
652	Nagpur	21 8	79 5	310	968·1	1001·9	+ 0·6	311·1	317·7	6th	298·9	294·8	17th	305·0	*304·0*	+0·3	346	+120
653	Allahabad	25 25	81 51	94·2	988·8	999·2	+ 0·1	314·2	318·7	7th	302·1	296·7	3rd	308·1	*307·6*	+1·4	34	-92
653a	Darjeeling	27 3	88 15	2265	773·1	..	+ 0·3	292·5	296·1	1st	287·4	286·5	19th	289·9	*289·5*	+0·8	647	+31
654	Calcutta	22 36	88 23	6·4	1000·5	1001·3	+ 0·6	306·5	311·6	1st	299·8	296·7	6th	303·1	*302·9*	+0·7	291	-11
655	Gauhati	26 8	91 41	59·7	997·0	1003·7	+ 0·8	304·2	308·0	16th	297·6	294·7	10th	300·9	*300·2*	-0·4	304	-47
655m	Cherrapunji	25 15	91 42	1313	864·3	..	+ 0·7	295·4	299·3	1st	291·6	289·1	8th	293·5	*293·0*	+0·4	2922	+465
655a	Akyab	20 11	92 56	6·1	1003·9	1004·6	+ 0·5	302·9	306·6	1st	296·4	295·3	10th	300·7	*300·8*	0·0	615	-577
656	Mandalay	21 59	96 0	76·2	997·2	1005·7	+ 0·9	307·8	311·2	23th	299·3	296·4	9th	303·6	*302·8*	+0·2	91	-50
656a	Tengyueh	25 2	98 33	1626	833·4	1003·6	..	296·2	299·7	..	289·0	288·6	..	293·1	*292·5*	+0·2	205	-38
657	Phu Lien	20 48	106 38	116	990·6	1003·6	+ 0·3	305·3	309·0	22nd	299·0	296·0	6th	302·2	301·5	+0·5	173	-73
658	Moncay	21 31	107 51	9·0	1003·0	1004·0	+ 0·3	305·3	308·2	5th,30th	299·0	295·9	24th	302·1	*301·9*	+1·0	329	-152
659	Hongkong	22 18	114 10	33·2	..	1005·8	0·0	302·9	305·9	26th	298·9	296·1	9th	300·9	300·6	+0·4	297	-102
661	∮Taihoku, Formosa	25 2	121 31	9·3	1005·4	1006·4	- 0·4	303·5	307·5	28th	296·3	291·3	9th	299·9	299·4	-0·2	458	+169
661a	∮Basco	20 28	121 59	18·7	..	1006·2	- 0·6	303·9	305·6	15th	298·9	297·1	6th,8th	301·4	301·0	-0·3	490	+301
662	Naha	26 13	127 41	8·2	1007·2	1008·1	- 0·5	300·2	303·8	28th	295·7	291·4	11th	297·9	297·6	-1·7	263	0
665	∮Titizima (Bonin Islands)	27 5	142 11	4·1	1010·7	1011·2	- 1·0	301·7	303·9	29th	296·7	291·5	1st	299·2	299·0	+0·6	110	-25

BETWEEN LATITUDE 20° N. AND 10° N.

JUNE - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	955·2	1010·5	+ 0·4	303·9	309·0	1st	294·2	292·1	7th,24th	299·0	*298·3*	-1·1	256	+104
716	Morelia	19 42	101 7	1923	809·1	1007·7	+ 0·7	298·1	300·6	4th	288·0	285·8	30th	292·0	*291·9*	-0·6	173	+30
717	∮Mexico, Tacubaya	19 24	99 12	2309	774·0	..	- 0·4	296·7	300·4	13th	284·8	281·9	10th	290·7	289·6	0·0	133	+26
718	∮Salina Cruz	16 12	95 12	56	1004·6	1011·0	- 0·3	304·1	307·5	1st	296·4	294·0	13th	300·2	*300·1*	-0·4	399	+93
719	San Salvador	13 42	89 13	682	937·0	1012·4	+ 0·5	304·9	307·4	5th	291·9	289·6	2nd	298·4	*296·7*	+0·3	327	- 3
720	∮Belize	17 31	88 11	5·2	1011·5	1012·0	+ 0·4	302·3	303·6	1st	298·1	294·1	28th	300·2	*299·8*	-0·6	54	-156
721	∮Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·5	+ 1·0	304·3	306·6	28th	295·6	293·4	1st	299·9	*299·8*	+0·2	61	-79
722	Port au Prince	18 33	72 20	37·4	1010·9	1015·2	+ 0·3	306·9	309·0	28th	296·7	294·0	1st	301·8	*301·0*	+0·6	121	+17
723	Caracas	10 30	66 56	1042	899·5	1013·7	- 0·1	298·2	301·0	2nd	289·7	287·9	3rd	293·9	*292·7*	-0·7	118	+15
724	San Juan, Porto Rico	18 29	66 7	25·0	1013·5	1016·2	0·0	301·9	305·2	30th	296·6	294·7	23rd	299·3	*299·0*	-0·1	220	+71
724a	Grenada (Richmond Hill)	12 5	61 46	188	990·8	1012·4	- 1·1	302·4	304·1	25th,30th	297·0	295·2	13th	299·7	*299·2*	+0·6	234	+24
725	∮Barbados	13 8	59 36	55·2	..	1014·6	+ 0·2	302·7	304·2	2nd	296·6	295·2	24th	299·7	*299·5*	-0·2	201	+92
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·1	1013·3	- 1·9	298·6	300·0	28,29,30	293·4	291·5	22nd	296·0	*297·0*	+0·5	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·4	1014·3	- 1·1	301·9	303·7	10th	295·7	294·4	2nd	298·8	*298·7*	+0·9	0	0
733	Dakar	14 40	17 26	32	1008·7	1012·4	..	306·3	309·3	8th	296·3	295·0	3rd	301·3	*299·5*	+1·6	39	+28
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·4	303·6	10th	296·3	295·2	10th	299·4	*299·3*	-0·2	206	..
735	Niánêbalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	314·6	319·2	1st	299·7	296·6	26th	307·2	*307·2*	-0·4	9	-18
737	∮Sokoto	13 2	E. 5 14	353	..	..	..	308·6	313·0	21st	296·4	292·4	29th	302·5	*302·0*	-0·3	89	-14
738	Kaduna Capital	10 32	7 25	?637	..	..	..	303·0	305·8	8th,9th	..	..	..	..	‡*297·8*	+0·6	139	-41
739	Hadeija	12 40	10 5	?	..	..	..	310·4	316·3	6th,8th	..	..	..	..	‡*303·2*	+0·4	92	+38
740	∮Maiduguri	11 47	13 11	361	..	..	..	310·9	314·1	1st,3rd	297·2	293·6	13th	304·1	*303·5*	+0·1	58	+ 4
741	El Fasher	13 32	25 18	730	927·4	1006·3	..	311·8	314·0	4th,5th	296·1	293·0	18th	304·0	*303·5*	..	2	-14
743	El Obeid	13 11	30 14	563	945·8	1007·4	- 0·7	311·1	313·8	2nd	297·0	293·6	15th	304·0	*302·7*	+0·3	7	-27
743a	∮Khartoum	15 37	32 33	390	963·6	1005·9	0·0	315·3	318·4	4th	299·9	296·3	2nd	307·6	*308·1*	+1·0	1	- 7
744	Port Sudan	19 37	37 13	5·5	1005·4	1006·0	+ 0·1	312·8	318·2	9th	299·5	296·5	14th	306·2	*305·4*	+0·8	0	0
745	∮Berbera, Somaliland	10 22	45 2	13·8	1002·3	1003·8	- 0·7	314·3	315·8	9th,10th	301·4	295·2	19th	307·9	*307·9*	-0·9	0	0
746	Aden	12 45	45 3	28·7	1002·6	1005·8	+ 0·7	307·7	309·2	29th	302·7	301·3	14th	305·2	*304·9*	+0·3	0	- 2
751	Bombay	18 54	72 49	11·3	1004·4	1005·7	+ 0·6	304·2	306·9	2nd,5th	299·6	296·6	16th	301·9	301·3	0·0	826	+361
752	Kodaikanal	10 14	77 28	2343	769·7	..	+ 0·6	290·9	293·7	9th	284·8	283·7	19th	287·9	*287·1*	-0·2	162	+59
752a	Bangalore	12 59	77 38	921	907·5	1007·4	+ 0·6	302·8	306·8	8th	292·6	291·4	14th	297·7	*296·7*	+0·3	56	-18
753	Madras	13 4	80 14	6·7	1004·7	1005·5	+ 0·1	310·5	315·7	2nd	300·3	297·3	22nd	305·4	*304·6*	+0·3	90	+42
754	Vizagapatam	17 42	83 19	11·6	1000·6	1001·9	- 0·3	306·2	312·7	1st	299·8	296·9	29th	303·0	*302·3*	-0·4	248	+125
755	Port Blair	11 40	92 40	18·0	1005·7	1007·7	+ 0·3	302·4	304·0	5th	298·2	296·1	21st	300·3	*299·6*	-0·4	433	-58
756	Rangoon	16 46	96 46	5·5	1006·9	1007·5	+ 0·6	303·5	306·1	21st	297·8	296·2	10th	300·7	*299·6*	+0·3	413	-45
757	Saigon	10 47	106 42	11	1007·0	1008·2	+ 0·8	303·9	305·8	18th	296·6	294·9	15th	300·3	*299·8*	-0·6	370	+36
758	Nhatrang	12 15	109 12	3·6	1005·2	1005·6	- 0·3	305·3	307·7	15th	297·5	296·1	17th	301·4	*300·9*	-0·3	47	- 1
759	Bolinao	16 23	119 53	2	..	1006·9	+ 0·4	304·9	306·5	18th,20th	297·1	295·9	21st	301·0	*300·7*	-0·1	241	-177
761	∮Vigan	17 34	120 23	12·2	..	1006·9	- 0·1	305·4	306·9	20th	298·2	297·0	2nd	301·8	301·2	+0·2	411	+67
761a	Manila	14 35	120 59	14·2	..	1008·1	+ 0·3	305·0	306·6	13th,15th	297·3	296·0	3rd	301·1	300·5	-0·2	323	+67
762	∮Ormoc	11 0	124 36	5·6	..	1008·2	+ 0·4	305·5	306·9	30th	296·4	295·2	7th,8th	300·9	*300·4*	+0·5	165	-44
765	∮Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·3	+ 0·3	?304·1	?305·4	16th,22nd	298·0	296·4	1st	?301·1	*301·2*	+0·6	100	-42

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111.
∮Change of normals, see pages 110 and 111.

JUNE - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.
805	Fanning Island	3 54	159 23	5·3	1010·1	1010·7	- 0·1	..	..	..	298·4	297·4	sev.dates	..	‡*302·4*	+1·0	64
821	∅Cristobal (Colon)	9 23	79 54	11·0	..	1010·7	+ 0·2	303·9	305·8	24th	297·0	295·8	2nd	300·4	299·6	+0·7	349
822	Bogota	4 36	74 5	2645	747·1	..	..	291·8	294·2	25th	282·9	280·2	30th	287·3	*286·7*	..	49
822a	Merida, Venez.	8 36	71 9	1641	‡842·1	..	+ 0·4	296·2	299·0	1st	288·6	287·2	21st,26th	292·4	*291·3*	-0·4	231
823	Ciudad Bolivar	8 9	63 33	38	1007·4	1011·7	..	303·5	306·3	3rd	296·4	295·0	20th,29th	300·0	*299·5*	-0·4	277
824	El Peru, Guayanavieja	7 19	61 49	220	986·0	1010·9	- 0·3	302·0	303·5	10th	294·8	293·6	21st	298·4	*297·9*	0·0	293
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1012·3	- 0·9	302·2	303·3	18th	297·2	295·8	16th	299·7	*299·4*	+0·2	212
826	Paramaribo	5 49	55 9	3·7	..	1012·7	- 1·1	304·1	306·2	18th	295·2	294·4	13th	299·7	*299·2*	+0·5	318
826a	Cayenne	4 56	52 21	6	..	..	..	301·8	303·0	16th	295·7	293·0	24th	298·7	*298·0*	-0·8	248
831	10°-5° N. 30°-25° W.	††7 4	††27 2	§(104-113)	..	1014·2	+ 0·6	..	..	Sea Temp. 299·9 | +0·4	..	..	..	..	299·3	+0·2	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1005·3	1013·1	+ 1·1	303·3	305·2	2nd	295 2	293·0	22nd.23rd	299·3	*298·4*	-0·5	520
835	Assuantsi	5 18	1 15	101	..	..	..	301·9	304·1	5th,7th	294·4	293·0	9,11,13	298·1	*297·6*	0·0	134
836	Accra	5 33	W. 0 12	16·0	1010·2	1011·0	- 1·4	302·1	304·9	1st	296·4	294·2	10th	299·3	*298·9*	+0·2	53
837	Lagos	6 27	E. 3 24	3·0	1010·8	1011·2	- 1·2	302·3	304·7	6th	296·7	294·1	11th	299·5	*298·9*	+0·1	180
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	279
839	Yola	9 12	12 30	259	..	..	..	307·1	310·2	18th,20th	294·0	290·8	22nd,25th	300·5	*299·9*	+0·1	163
841	∅Wau	7 42	28 3	440	..	..	..	..	..	..	294·0	292·0	24th	..	*300·1*	+1·1	159
843	Malakal (Kodok)	9 35	31 37	394	967·2	1011·4	+ 1·6	305·6	310·6	16th	295·3	292·2	4th	300·4	*299·2*	+0·5	62
843a	∅Mongalla	5 11	31 47	448	960·2	1010·4	- 0·4	306·7	310·3	16th	294·4	293·0	26th	300·6	*299·2*	+1·0	34
844	∅Entebbe	0 5	32 29	1171	885·7	1012·4	+ 0·8	298·4	300·2	14th	290·2	288·6	27th	294·3	*293·6*	0·0	201
851	Minicoy	8 17	72 49	2·1	1009·8	1010·0	+ 0·4	302·9	304·7	28th	298·1	295·6	1st	300·5	*299·8*	..	181
851a	Cochin	9 58	76 21	2·7	1009·8	1010·1	+ 0·6	301·3	303·1	26th	296·7	293·9	10th	299·0	*298·3*	-0·7	634
852	Colombo Observatory	6 54	79 52	7·3	..	1009·1	+ 0·7	302·8	303·7	1st,5th	298·0	296·0	20th	300·4	*299·7*	-0·2	219
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	291·5	294·4	21st	286·6	283·2	21st	289·1	*288·4*	0·0	372
854	Trincomalee	8 35	81 15	30·2	..	1005·9	+ 0·6	306·4	308·6	8th	298·6	296·9	10th	302·5	*301·8*	-0·3	42
855	Kuta Raja	5 32	95 20	7·1	..	1008·6	- 0·3	..	..	..	..	..	..	..	..	..	118
856	Medan	3 35	98 41	25·0	..	1009·0	+ 0·2	305·0	306·6	18th	295·7	294·7	24th	300·3	299·7	+0·3	198
857	Penang	5 34	100 20	5·0	1009·0	1009·5	- 0·1	306·4	306·9	30th	295·3	294·7	27th	300·8	*300·1*	+0·2	137
858	∅Singapore	1 18	103 51	10·9	1008·2	1009·4	+ 0·3	304·2	305·9	2nd,5th	296·9	295·8	23rd	300·6	*300·1*	0·0	138
859	Sandakan	5 50	118 7	31·7	..	..	..	303·9	305·8	1st	296·8	296·3	sev.dates	300·4	*300·3*	-0·2	141
860	Iwahig	9 44	118 38	14·3	..	1008·3	+ 1·2	305·7	307·5	17th	295·8	294·6	25th	300·7	*299·3*	0·0	201
861	Tagbilaran	9 38	123 51	21·3	..	1008·5	+ 0·5	305·0	306·3	4th,28th	297·6	296·5	3rd	301·3	300·5	+0·1	120
861a	Menado	1 30	124 50	8·5	..	1009·2	+ 0·8	303·6	306·8	1st	296·1	293·4	23rd	299·9	299·3	+0·1	119
862	Surigao	9 48	125 29	6	..	1008·8	+ 0·6	303·7	305·4	29th	297·3	296·0	8th	300·5	300·2	0·0	129
863	∅Kolonie, Yap	9 29	138 8	29·3	..	1009·5	+ 1·1	303·9	305·7	28th	297·9	296·5	18th,21st	300·9	300·3	0·0	243
		N.	E.														

JUNE - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.
		S.	W.														
924	Manaos	3 8	60 1	43·8	..	..	..	303·3	306·0	6th	295·1	293·4	28th	299·2	*299·2*	-0·3	110
926	Taperinha	2 30	54 20	21·5	1010·0	1012·4	+ 0·1	304·0	306·6	5th	295·6	294·6	29th	299·8	*298·4*	+0·9	146
927	Turyassu	1 43	45 26	9·1	1011·1	1012·2	- 0·1	305·0	306·6	5th,28th	294·7	293·2	28th	299·8	*298·8*	+0·4	325
928	Barra do Corda	5 30	45 16	81·0	1001·4	1010·8	- 0·7	304·9	306·4	22nd	292·0	289·7	29th	298·4	*297·2*	-0·2	34
929	Quixeramobim	5 16	39 15	207	990·2	1013·6	- 0·1	302·4	303·5	30th	295·6	294·2	10th	299·0	*299·0*	-0·5	14
930	Fernando Noronha	3 50	32 25	106	1001·5	1013·5	0·0	301·1	302·6	6th,29th	295·5	294·4	27th	298·3	*298·6*	0·0	201
930a	5°-10° S. 35°-30° W.	††7 11	††33 14	§(30)	..	1016·7	..	..	..	Sea Temp. 299·7 | +0·1	..	..	..	..	299·4	..	..
930b	0°-5° S. 35°-30° W.	††2 50	††31 29	§(17)	..	1013·6	..	..	..	299·3 | -0·2	..	..	..	..	299·4	..	..
934	∅Ascension Island	7 55	W. 14 24	16·8	1013·9	1015·7	- 0·1	302·0	303·6	8,12,15	296·1	293·6	10th,11th	299·1	*298·5*	+0·1	1
939	Loanda	8 49	E. 13 13	51	..	1013·5	- 1·1	298·5	301·1	2nd	293·2	290·4	30th	295·9	295·5	+1·1	0
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	297·7	301·3	30th	289·4	288·6	sev.dates	293·5	*293·3*	+1·0	36
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	295·8	300·2	12th	283·6	278·0	27th,30th	289·7	..	..	7
944a	Zanzibar	6 10	39 11	17·1	1016·2	1018·2	+ 0·6	300·4	301·7	16th	296·4	295·3	26th,27th	298·4	*297·9*	-0·1	12
945	Lamu	2 16	40 50	3·0	..	..	..	301·3	306·9	12th	..	..	..	..	..	..	201
947	Seychelles, Port Office	4 37	55 27	4·6	1011·9	1012·4	+ 0·4	301·8	302·8	12th	297·0	294·4	25th	299·4	*298·8*	+0·4	196
957	Padang	0 56	100 22	6·7	..	1010·5	+ 0·4	303·9	305·3	13th	296·4	295·1	14th	300·1	299·8	+0·3	122
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	+ 0·5	303·5	305·3	2nd	296·5	294·2	23rd	300·0	299·6	+0·4	43
958a	∅Pontianak	0 1	109 20	2·6	..	1009·2	- 0·2	305·0	307·1	2nd	296·8	295·2	18th	300·9	300·1	+0·2	176
959	Pasuruan	7 38	112 55	5·0	..	1010·5	+ 0·2	303·9	305·3	26th	295·9	294·4	3rd	299·9	299·7	+0·5	121
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	91
962	∅Amboina	3 42	128 10	4·2	..	1009·8	- 0·3	301·2	302·5	16th	296·6	295·4	28th	298·9	298·5	+0·4	524
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	85
965	∅Daru	9 4	143 13	7·6	..	1011·2	- 0·3	301·2	..	..	296·8	..	..	299·0	*298·6*	+0·1	107
966	∅Port Moresby	9 29	147 9	38·4	..	1010·6	- 0·4	302·5	..	..	297·4	..	..	299·9	*299·5*	+0·7	15
967	Rabaul	4 9	152 12	12·5	..	1008·6	- 0·5	305·8	306·3	2nd	296·2	294·4	21st	301·0	*300·4*	+0·7	44
969	∅Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	303·4	305·2	17th	297·8	294·7	11th	300·6	*300·4*	+0·3	351
970	Ocean Island	0 52	169 35	39·6	?1006·0	?1010·7	+ 0·4	305·4	306·3	3rd,23rd	298·8	296·9	13th	302·1	*301·4*	+1·0	68
		S.	E.														
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111.
††Mean Latitude and longitude of the observations. §Number of observations. ∅Change of normals, see pages 111,112 and 113.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JUNE - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	∅Apia, Samoa	13 4	171 46	2	..	1011·7	+ 0·2	302·5	303·7	21st	296·9	295·4	23rd	299·7	299·7	+0·7	104	-32
1003	∅Alofi, Niue Island	19 2	169 55	27·4	..	1015·9	- 0·4	301·4	303·6	28th	292·7	287·4	5th	297·0	*296·8*	+0·7	14	-60
1022	Tacna	18 0	70 18	560	..	..	..	294·5	297·2	1st	282·6	281·0	sev. dates	288·5	*287·9*	+0·7	0	0
1025	Corumba	18 59	57 39	116	1001·8	1015·1	+ 1·5	298·0	306·0	3rd	287·2	278·6	28th	292·6	*292·4*	-1·9	53	+15
1026	Cuyaba	15 36	56 6	165	995·5	1014·6	+ 0·9	301·7	307·7	18th	288·6	279·3	14th	295·2	*293·7*	-1·9	32	+ 5
1027	Bello Horizonte	19 55	43 57	895	917·0	1017·1	- 1·0	297·7	301·2	9th	284·9	279·6	14th	291·3	*290·2*	+0·1	14	+ 5
1028	Caetite	14 3	42 37	897	917·5	1016·8	- 0·4	299·3	303·5	25th	287·3	284·6	23rd	293·3	*293·1*	+0·1	1	-11
1029	Ondina (Bahia)	13 0	38 31	46·6	1010·3	1015·8	- 0·6	299·6	300·7	13th,27th	294·4	293·2	30th	297·0	*296·9*	0·0	185	-70
1030	Aracaju	10 55	37 3	6·1	1015·5	1016·3	- 0·3	300·2	302·3	14th	294·6	292·1	25th	297·4	*297·5*	..	120	..
1030a	15°-20°S. 40°-35°W.	††17 29	††38 2	§(30)	..	1017·0	..	..	..	Sea Temp. 298·0 | +0·1	..	..	..	..	297·4	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 43	††36 52	§(30)	..	1016·3	..	..	..	299·0 | +0·3	..	..	..	..	298·2	..	..	..
1035	St. Helena	15 57	W. 5 40	579	948·8	1015·8	+ 0·4	290·9	295·8	12th	287·2	285·8	8th,24th	289·1	*289·4*	+0·3	30	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	912·6	1022·3	..	297·1	301·2	15th	279·8	277·2	7th	288·4	..	..	0	..
1041a	Elisabethville	11 39	27 28	1236	880·5	1016·4	+ 0·3	298·5	301·6	30th	279·8	276·7	6th	289·2	..	+0·2	0	0
1042	Gwelo	19 26	30 2	1411	..	..	..	294·3	299·1	14th	275·8	271·9	21st	285·1	..	-1·4	2	+ 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·5	1022·9	+ 1·0	293·6	297·4	16th	277·7	273·3	6th	285·7	284·9	-0·6	0	- 1
1044	∅Zomba	15 23	35 18	955	913·4	1021·3	+ 2·7	294·2	299·7	15th	282·7	278·0	29th	288·4	*288·5*	-1·8	13	+ 1
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	868·1	1019·1	+ 0·3	293·9	296·9	13th,15th	282·1	274·2	20th	288·0	287·6	+0·6	3	- 4
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1013·1	1013·7	+ 0·3	301·9	302·6	12th,13th	297·6	293·8	9th	299·7	*299·3*	+0·3	165	-72
1057	Christmas Island	10 25	105 43	5·5	1008·4	1009·1	+ 0·2	302·7	303·6	sev. dates	296·8	294·7	6th	299·7	*299·2*	-0·2	170	- 1
1061	Kupang	10 10	123 34	45·1	..	1012·0	+ 0·6	304·8	307·4	16th	294·5	291·1	4th	299·7	299·1	+0·4	0	-10
1061a	Derby	17 18	123 40	16·2	1012·9	1014·6	0·0	302·8	305·8	25th,29th	289·2	282·7	2nd	296·0	..	+0·3	4	-10
1062	Hall's Creek	18 13	127 46	373	972·7	1014·7	- 1·4	302·5	305·8	16th	283·7	274·6	4th	293·1	*292·4*	+1·3	0	- 5
1063	Darwin	12 28	130 51	29·6	1008·4	1011·8	- 0·1	304·9	306·6	25th	294·8	290·3	5th	299·9	*298·7*	+0·8	0	- 4
1064	Daly Waters	16 16	133 23	211	988·7	1012·6	- 1·7	305·1	308·0	20th	287·8	283·0	7th	296·4	*295·7*	+2·1	0	- 7
1065	∅Mein	13 13	142 47	122	997·8	1011·8	+ 0·2	301·8	304·1	3rd,5th	291·7	286·9	7th	296·7	*296·1*	0·0	40	+32
1066	∅Georgetown, Queensland	18 22	143 32	302	980·4	1015·8	+ 0·7	300·7	304·5	19th	287·7	281·3	6th,7th	294·2	..	+0·5	86	+75
1066a	Willis Island	16 18	149 59	8·5	1011·5	1012·6	..	299·3	299·7	21st	295·8	295·1	18th	297·6	*297·7*	..	3	..
1067	Samarai	10 37	150 40	6·1	..	1011·8	- 0·2	301·5	..	..	296·7	..	..	299·1	*298·9*	+0·6	372	+97
1072	Suva, Fiji	18 8	178 26	6·1	1013·0	1013·7	+ 0·2	300·3	304·1	16th	294·5	291·3	9th,12th	297·4	*297·2*	+0·7	252	+82
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

JUNE - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	299·9	304·9	1st	293·3	289·1	6th	296·6	*296·4*	+1·6	49	-72
1121	∅Punta Tortuga, Coquimbo	29 56	71 21	27	1015·4	1018·7	+ 1·1	288·7	291·6	15th	283·7	281·7	23rd	286·2	*286·0*	+0·9	107	+67
1122	Iquique	20 12	70 11	9	1016·4	1017·5	+ 1·5	290·7	293·0	3rd	282·2	280·3	26th	286·5	*288·1*	-1·2	0	0
1123	∅Catamarca	28 27	65 47	510	956·9	1017·2	+ 1·5	292·1	299·9	14th	276·6	271·5	26th	284·3	*283·4*	-1·0	0	- 4
1124	Salta	24 46	65 28	1182	883·0	1016·2	+ 0·6	291·8	303·1	16th	275·5	270·5	27th	283·7	*283·0*	-1·4	3	0
1125	Goya	29 9	59 15	26	1013·4	1016·5	+ 0·7	291·9	299·6	2nd	280·8	271·6	27th	286·3	*285·8*	-0·9	68	+28
1126	Asuncion	25 17	57 41	93	1007·8	1018·8	+ 2·2	293·7	301·7	2nd	284·4	274·3	27th	289·0	*289·4*	-0·4	27	-46
1127	Curityba	25 25	49 17	908	915·9	1019·2	- 0·8	290·2	298·7	3rd	281·6	271·1	26th	285·9	*285·3*	+0·1	214	+113
1128	Rio de Janeiro	22 54	43 10	18·3	1011·0	1013·1	- 5·9	296·9	302·8	4th	290·6	286·7	15th	293·8	293·4	-0·1	38	-19
1128a	25°-30°S. 50°-45°W.	††27 50	††48 1	§(35)	..	1018·7	..	..	..	Sea Temp. 293·2 | +0·2	..	..	..	..	292·5	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 43	††42 1	§(20)	..	1017·4	..	..	..	294·2 | -1·2	..	..	..	..	294·8	..	..	..
			W.															
1139	Windhoek	22 34	E. 17 5	1669	838·8	1019·6	..	292·4	295·3	30th	280·6	278·0	21st	286·5	*285·8*	+0·3	0	- 1
1140	O'Okiep	29 36	17 52	933	915·2	1020·8	+ 0·9	293·7	297·6	12th	283·7	274·4	15th	288·7	*287·9*	+4·0	6	-23
1141	Kimberley	28 42	24 47	1202	889·6	1026·0	+ 2·0	292·6	296·4	30th	275·8	269·7	16th	284·2	283·6	+1·2	0	- 5
1141a	Johannesburg	26 11	28 4	1806	828·9	1026·0	+ 2·0	289·1	293·8	1st	277·9	273·2	15th	283·5	*283·0*	+0·1	0	- 4
1142	∅Bulawayo	20 9	28 35	1349	874·4	1024·8	+ 1·3	292·7	296·9	14th	279·2	273·8	14th	285·9	*285·2*	-1·2	1	0
1143	Durban	29 52	31 3	15·2	1023·2	1025·0	+ 2·2	295·2	298·2	13th,29th	286·2	284·2	11th	290·7	*290·2*	0·0	2	-27
1144	Lourenço Marques	25 58	32 36	59	..	1024·5	+ 3·1	297·5	305·6	14th	285·8	283·4	14th	291·6	290·9	-0·4	1	-13
1147	Mauritius	20 6	57 33	55·2	1013·3	1019·8	+ 0·8	296·9	298·1	16th	289·5	286·0	5th,21st	293·2	292·8	-0·8	35	-36
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∅Change of normals, see pages 113 and 114.

JUNE - ZONE 11 (AUSTRALIA)

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.
1159	Onslow	21 43	114 57	4·3	1013·2	1013·7	- 1·7	297·5	300·4	2nd	287·7	283·0	1st	292·6	..	+0·7	132
1160	Cue	27 27	117 52	454	964·4	1017·2	- 0·9	290·4	294·3	1st	281·4	276·7	13th	285·9	..	-0·7	55
1161	Nullagine	21 53	120 5	386	972·0	1016·2	- 0·9	297·1	302·2	28th,29th	281·5	274·1	1st	289·3	..	-0·1	17
1162	Laverton	28 40	122 23	466	963·7	1017·9	- 1·8	289·5	295·8	1st	279·8	274·1	3rd	284·7	*284·6*	-0·5	53
1163	Alice Springs	23 38	133 37	587	950·5	1017·7	- 0·6	294·6	302·4	19th	280·8	269·1	1st	287·7	*287·4*	+2·3	27
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	ϕBoulia	22 55	139 38	146	998·5	1015·4	- 1·1	299·9	306·9	18th	284·7	276·9	5th	292·3	*292·0*	+3·7	0
1165	ϕThargomindah	27 58	143 43	123	1004·3	1019·0	+ 0·6	292·9	297·6	6th	281·2	275·8	6th	287·0	*286·7*	+0·5	9
1166	ϕMitchell	26 32	147 52	336	980·5	1019·4	0·0	292·7	300·4	19th	280·5	275·5	8th	286·6	..	+1·5	41
1167	ϕRockhampton	23 24	150 30	11·3	1016·5	1018·0	+ 0·3	297·1	302·1	20th	286·3	282·1	9th	291·7	..	+1·1	101
1168	ϕBrisbane	27 28	153 2	41·8	1015·7	1020·3	+ 2·1	293·6	299·3	20th	283·9	279·6	11th	288·8	*288·0*	+0·1	82
1170	ϕNorfolk Island	29 4	167 59	15·2	1017·2	1019·0	+ 1·8	291·9	295·8	12th	286·6	281·3	29th	289·3	*288·9*	-0·8	150
		S.	E.														

JUNE - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1221	Juan Fernandez	33 37	78 50	345	977·8	1019·0	..	286·7	290·2	13th	..	..	..	..	*283·9*	..	188
1221a	Punta Tumbes	36 37	73 6	120	1002·8	1017·4	+ 0·9	286·1	291·8	13th	280·9	278·4	5th	283·5	*283·3*	0·0	238
1222	ϕPunta Angeles, Valparaiso	33 1	71 38	41	1013·0	1018·0	+ 0·5	289·1	294·5	11th	282·9	279·9	20th	286·0	*285·5*	+0·5	184
1222a	Santiago	33 27	70 42	520	957·2	1018·9	+ 0·6	287·7	296·5	13th,27th	277·8	274·3	19th	282·7	*281·9*	+1·1	111
1223	Cordoba	31 25	64 12	423	967·4	1017·8	+ 0·7	290·7	302·1	13th	275·5	266·4	25th	283·1	282·4	-0·4	17
1224	Bahia Blanca	38 45	62 15	25	1014·1	1017·2	+ 1·1	285·8	292·8	12th	276·6	269·0	25th	281·2	*281·2*	-0·2	12
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1015·3	1018·3	0·0	287·4	292·3	16th	279·3	271·7	26th	283·3	282·9	+0·1	43
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1016·3	+ 0·1	..	292·4	1st	..	276·0	27th	..	*284·2*	0·0	97
1226a	Porto Alegre	30 2	51 13	23·5	1015·5	1018·3	- 0·9	291·5	303·4	2nd	282·8	275·4	27th	287·1	286·9	+0·2	181
1226b	30°-35° S. 55°-50° W.	††32 2	††51 57 W.	§ (42)	..	1020·7	..	..	..	Sea Temp. 288·3 | -0·1	..	..	..	..	287·6	..	..
1239	Cape Town	33 56	E. 18 29	12·2	1020·3	1021·8	+ 2·0	293·6	302·1	5th	281·9	276·4	15th	287·8	*286·6*	+1·6	43
1240	Danger Point	34 37	19 18	27·7	1016·0	1019·3	+ 1·8	290·3	295·2	24th	284·0	280·2	2nd	287·2	..	+0·7	28
1241	Riversdale	34 6	21 16	61·0	..	..	..	294·7	303·0	27th	277·8	273·3	5th	286·2	..	+0·5	18
1242	East London	33 2	27 55	44·8	1018·1	1023·5	+ 1·9	294·9	302·2	29th	283·3	278·6	17th	289·1	..	+0·3	1
1259	Perth (Observatory)	31 57	115 51	60·0	1008·2	1015·3	- 2·6	290·6	294·6	24th	282·2	278·0	8th	286·4	*286·5*	-0·4	203
1260	Katanning	33 42	117 35	310	978·1	1015·1	- 1·8	287·4	291·4	24th	278·7	273·6	14th	283·0	..	-0·9	96
1261	Coolgardie	30 57	121 10	423	967·4	1017·2	- 1·5	288·5	293·8	1st	278·4	273·6	13th	283·4	*283·3*	-1·2	47
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1018·2	1019·6	+ 0·6	288·3	292·5	1st	281·7	275·2	12th	285·0	*284·7*	-0·7	90
1264	Adelaide	34 56	138 35	42·7	1015·6	1020·8	+ 1·7	288·8	292·9	29th	280·7	275·3	11th	284·7	*284·6*	-0·2	40
1265	Melbourne	37 49	144 58	35·1	1017·8	1022·0	+ 3·5	286·7	291·1	5th	277·6	271·8	28th	282·1	*281·7*	-1·1	34
1266	Bourke	30 13	145 58	110	1009·8	1023·0	+ 1·7	290·8	296·3	2nd	279·1	271·9	11th,12th	284·9	..	-0·2	19
1267	Sydney	33 51	151 13	42·1	1016·5	1021·5	+ 3·8	288·9	294·3	5th	280·6	277·2	11th	284·8	*283·9*	-0·8	106
1268	ϕLord Howe Island	31 20	159 0	4·6	1018·9	1019·5	+ 2·3	291·4	294·6	6th	285·7	280·8	28th	288·6	..	-1·0	200
1271	Auckland	36 50	174 50	38·1	..	1015·5	+ 1·0	286·8	288·6	7th,27th	280·5	275·8	16th	283·7	..	-1·2	180
1272	Napier	39 29	176 55	1·5	..	..	..	285·7	289·1	26th	278·1	273·6	16th	281·9	..	-0·6	203
		S.	E.														

JUNE - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·9	1017·0	+ 3·6	283·4	286·5	2nd	278·0	275·5	25th	280·7	*281·3*	+0·4	65
1322	Punta Galera	40 1	73 44	40	1012·7	1017·6	+ 2·6	284·8	286·4	sev. dates	281·6	278·2	30th	283·2	*283·3*	+0·7	205
1323	ϕSarmiento	45 34	69 0	272	981·3	1014·6	+ 3·2	281·6	290·7	14th	272·4	264·1	23rd	277·0	*277·2*	+0·9	28
1324	ϕPuerto Madryn	42 49	W. 64 58	14	1013·3	1015·0	+ 2·6	285·3	296·8	14th	274·4	265·4	24th	279·9	*280·2*	-0·2	22
1365	Launceston	41 27	E.147 10	10·1	1018·1	1019·3	+ 3·8	284·8	288·0	22nd	274·1	269·6	29th	279·4	*278·9*	-1·7	39
1366	Hobart	42 53	147 20	53·9	1012·3	1019·0	+ 4·8	283·2	288·6	23rd	276·7	273·1	4th	280·0	*279·5*	-1·3	29
1370	Invercargill	46 25	168 21	3·7	..	..	..	281·5	285·8	2nd	272·7	268·6	19th	277·1	..	-1·8	27
1371	Dunedin	45 52	170 31	6·1	..	1017·8	+ 4·4	282·3	286·3	8th	275·0	271·3	17th	278·6	..	-1·0	66
1371a	Christchurch	43 31	172 39	7·6	..	1017·8	+ 5·3	281·6	286·9	9th	273·7	269·6	2nd,5th	277·7	..	-1·7	92
1372	Wellington	41 16	174 46	3·0	..	1017·2	+ 2·8	284·6	286·7	26th	278·3	272·6	28th	281·4	..	-1·3	138
		S.	E.														

JUNE - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1421	Islota de los Evangelistas	52 24	75 6	55	996·3	1003·0	+ 0·5	279·2	282·0	25th	276·2	273·1	16th	277·7	*278·1*	+0·6	225
1422	Puerto de Punta Arenas	53 10	70 54	28	1000·7	1004·2	+ 1·2	277·4	281·6	26th	273·8	268·8	23rd	275·6	*275·5*	+0·2	46
1423	ϕPunta Dungeness	52 24	68 26	5	1004·2	1004·8	+ 2·7	277·6	282·0	10th	273·3	267·2	24th	275·5	*276·0*	-0·4	10
1424	Santa Cruz	50 1	68 31	12	1006·9	1008·4	+ 3·5	278·0	287·3	12th	269·0	256·1	24th	273·5	*273·9*	-1·0	2
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1003·8	- 0·5	278·7	280·8	7,11,27	272·3	266·9	22nd	275·5	..	+0·3	35
1426	Cape Pembroke	51 41	57 42	21·3	1002·5	1005·1	+ 2·4	278·7	281·3	5th,12th	273·9	270·8	22nd	276·3	276·4	+0·3	..
1429	ϕS. Georgia (Cumberland Bay)	54 14	36 33	4	995·8	996·3	- 2·0	274·7	279·5	7th	268·9	263·5	22nd	271·8	*271·9*	+0·5	99
		S.	W.														

JUNE - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1527	South Orkneys	60 44	44 39	7	991·4	992·3	- 4·2	268·0	274·0	1st	258·7	244·8	21st	263·3	263·5	+0·2	22
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ϕChange of normals, see pages 114 and 115.

RÉSEAU MONDIAL, JULY 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. JULY - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1007·4	1007·6	..	280·6	291·2	19th	273·7	269·8	23rd	277·2	..	..	50	..
105	ϕBarrow	71 23	156 17	7·0	..	1012·2	..	285·4	298·6	14th	275·3	269·1	28th	280·4	..	+2·6	35	+ 6
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*278·3*	+0·3	38	+15
131	Myggbukta	73 30	21 30	3·2	..	1010·1	..	..	284·6	28th	..	271·2	3rd	..	*277·6*	..	34	..
132	Scoresbysund	70 29	21 58	16·9	1007·4	1009·4	..	283·5	287·5	20th	275·8	271·5	4th	279·7	*278·9*	..	35	..
135	ϕJan Mayen	70 59	W. 8 18	23·1	1008·8	1011·6	+ 2·0	..	288·0	26th	277·1	274·7	20th	..	*279·0*	+0·6	42	+19
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1011·5	1012·8	+ 0·3	..	283·0	17th	276·5	274·4	2nd	..	278·2	-0·2	22	+ 6
140	Björnöen	74 28	19 17	40·5	1010·0	1015·0	+ 4·8	..	284·8	29th	276·5	271·2	24th	..	*278·5*	+0·7	7	-12
141	Ingøy	71 4	24 6	7·5	1015·2	1016·1	+ 5·8	..	292·6	5th	282·1	278·9	23rd	..	*284·5*	+1·3	5	-28
142	Mehavn	71 1	27 47	10·2	1016·3	1017·5	+ 5·4	..	296·3	30th	282·0	278·1	22nd	..	*285·4*	+2·6	10	-39
143	Vardö	70 22	31 6	11·8	1016·5	1017·9	+ 5·8	..	294·2	1st	281·0	278·8	4th	..	*283·1*	+1·4	28	-17
147	Malye Karmakouly	72 23	52 43	15·3	1015·9	1017·8	+ 4·8	280·4	289·0	28th	276·2	273·5	5th	278·3	*278·0*	-1·1	10	-17
148	Waigatz	70 24	58 47	11·2	1015·4	1016·8	..	280·5	289·0	6th	274·9	271·9	4th	277·7	*277·5*	-0·5	6	-24
153	Dickson	73 31	80 23	13·0	1010·3	1011·9	+ 2·3	..	..	..	272·9	270·7	2nd	..	*274·1*	-3·0	25	- 3
162	Bouloune	70 45	127 47	35	999·5	1003·7	..	..	..	..	280·0	273·8	5th	..	*283·9*	-0·8	107	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. JULY - ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	1010·4	1016·1	..	..	..	..	278·5	275·7	5th	..	*280·6*	..	73	..
203	Nome	64 30	165 24	6·7	1012·9	1013·5	+ 2·3	287·1	293·0	20th,28th	279·3	274·7	5th	283·2	*283·6*	+0·1	55	-18
204	Candle	65 55	161 57	2·4	.	..	..	..	..	..	..	..	..	..	..	..	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	291·1	296·3	21st	281·7	276·9	17th	286·4	..	..	49	..
205	Tanana	65 10	152 6	69·5	1008·2	1015·9	+ 3·1	295·8	301·3	5th,6th	281·9	274·1	29th	288·9	*289·9*	+1·2	37	-24
206	Rampart	65 30	150 15	114	..	..	..	295·8	303·0	5th	281·1	276·3	27th	288·5	..	-0·2	28	- 8
207	Valdez	61 7	146 16	122	..	..	..	288·6	293·6	4th	281·3	277·4	2nd	284·9	..	..	83	..
208	Eagle	64 46	141 12	248	983·8	1013·9	+ 2·0	299·4	304·1	6,7,17	282·1	276·3	30th	290·7	*291·7*	+2·6	27	-17
209	Dawson	64 4	139 29	324	977·2	1014·5	+ 3·8	..	..	..	..	..	..	..	*‡293·9*	+2·5	23	-18
210	Carcross	60 11	134 34	662	..	..	..	296·0	303·0	16th	279·8	275·8	23rd	287·9	..	+2·5	2	-26
210a	Mayo Landing	63 35	135 51	?579	957·7	1024·8	..	299·1	304·7	17th	280·2	274·7	17th	289·7	*289·5*	..	15	..
211	Fort Good Hope	66 25	128 53	65·2	1007·4	1015·1	+ 2·0	298·6	305·2	7th	284·1	273·0	30th	291·3	..	+3·0	42	+28
212	ϕFort Simpson	61 52	121 35	129	999·5	1014·7	+ 3·8	298·0	303·6	20th,23rd	283·6	274·1	30th	290·8	..	+1·4	31	-14
213	Hay River	60 51	115 20	161	994·1	1013·0	+ 2·5	295·2	303·0	21st,28th	284·7	277·4	2nd	289·9	..	+1·6	35	+ 1
225	Jacobshavn	69 13	51 2	31·6	1002·4	1006·3	- 4·7	282·7	288·4	19th	277·6	274·2	23rd	280·1	*280·0*	-0·7	61	+30
226	Godthaab	64 11	51 43	20·4	..	..	..	..	..	..	277·5	275·0	12,13,14	..	*279·6*	0·0	109	+50
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	1005·1	1008·7	- 2·3	285·6	292·0	18th	277·3	274·5	15th	281·5	*280·8*	+1·0	36	-15
231	Stykkisholm	65 5	22 46	25	..	1008·7	- 1·6	289·1	292·2	20th	281·0	278·3	15th	285·1	*284·3*	+1·6	32	- 6
232	Vestmanno	63 24	20 17	132	..	1009·8	- 0·2	286·8	292·0	5th	281·3	279·7	1st	284·1	*283·3*	+0·3	78	- 1
233	Grimsey	66 33	18 1	22·0	..	1008·3	- 2·5	287·1	292·4	8th	281·9	276·6	5th	284·5	*283·7*	+3·5	37	+ 9
234	Teigarhorn	64 41	14 22	18·0	..	1010·4	- 0·2	289·6	294·9	18th	281·1	278·0	3rd	285·3	*284·2*	+2·4	92	+26
235	Højvig	62 3	6 45	22·9	1010·3	1013·1	+ 1·5	286·3	288·9	26th	281·3	278·6	11th	283·8	*283·8*	+0·2	36	-45
236	Lerwick	60 8	W. 1 11	18·0	..	1011·9	+ 0·7	288·2	293·0	9th	283·8	280·8	3rd	286·0	*285·9*	+1·6	50	- 8
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1006·7	1012·0	+ 0·7	294·0	300·5	9th	286·2	281·8	2nd	290·1	*289·3*	+2·2	55	-63
238	Aalesund	62 28	6 10	6·3	1012·1	1012·9	+ 1·8	..	295·4	10th	286·0	282·0	1st	..	*288·0*	+2·1	41	-41
239	Trondhjem	63 26	10 25	59·2	1005·8	1012·8	+ 1·3	295·4	303·3	8th	285·6	279·7	21st	290·5	*290·3*	+3·3	52	- 6
240	Bodö	67 17	14 24	22·3	1012·5	1015·2	+ 3·8	..	297·7	3rd	286·4	281·1	21st	..	*289·5*	+4·0	19	-46
241	Haparanda	65 50	24 9	9·2	1013·6	1014·7	+ 4·4	298·0	304·5	8th,10th	286·7	280·0	21st	292·3	*292·5*	+4·4	36	-10
242	Helsingfors	60 10	24 57	11·7	1010·8	1012·2	+ 1·4	298·7	302·9	15th	290·3	285·2	1st	294·5	*294·0*	+4·4	25	-32
242a	Kuopio	62 55	27 40	233	987·5	1014·7	+ 4·4	296·3	301·2	7th	287·5	281·0	26th	291·9	*291·4*	+1·9	36	-30
243	Kola	68 53	33 0	6·7	1016·2	1017·0	+ 5·9	294·0	301·0	30th	281·7	275·8	26th	287·9	*288·4*	+3·1	46	- 1
244	Petrozavodsk	61 47	34 23	79·0	1004·3	1013·6	+ 2·5	296·6	302·7	19th	286·0	279·2	29th	291·3	*292·3*	+3·1	22	-52
245	Arkhangelsk	64 34	40 31	6·3	1014·2	1015·0	+ 4·4	295·5	302·2	19th,20th	284·5	278·7	9th	290·0	*290·0*	+1·3	2	-58
246	Mezen	65 50	44 16	14·9	1013·8	1015·6	+ 5·7	292·6	300·6	19th	280·9	275·0	22nd	286·7	*287·2*	+0·6	28	-19
247	Oust-Tsylma	65 25	52 18	68	1005·1	1013·2	+ 2·8	292·2	297·9	20th	282·9	277·1	9th	287·5	*287·6*	+0·4	74	+ 5
248	ϕTcherdyn	60 24	56 31	?208	986·8	1011·1	+ 2·0	296·7	301·5	20th	287·1	281·0	10th	291·9	*291·5*	+1·5	46	-15
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 36	35·2	1012·8	1017·1	+ 6·4	289·1	296·8	7th	281·3	277·0	15th	285·2	*285·3*	-1·5	41	-12
251	New Port	67 42	72 57	3·3	..	..	..	285·4	292·7	8th	278·0	273·0	18th	281·7	*282·5*	..	26	..
252	Sourgout	61 15	73 24	40	1007·1	1011·8	+ 4·7	..	..	..	..	..	..	..	*288·4*	-1·7	57	- 9
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilioutsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	983·0	1002·2	..	296·0	304·3	3rd	285·0	275·8	30th	290·5	*290·4*	..	40	..
268	Naiakhan	61 55	158 59	29·0	1003·1	1006·6	..	287·5	295·0	20th	281·5	278·1	12th	284·5	*284·4*	..	170	..
271	Novo Mariinskii Post	64 45	177 33	? 17	1007·1	1009·1	- 2·0	..	297·2	22nd	..	275·0	13th	..	*284·5*	+0·5	42	+ 8
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
ϕChange of normals, see pages 105 and 106.

JULY - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	12·2	..	1013·2	+ 0·8	282·7	285·8	20,21,28	277·8	276·3	2nd	280·2	..	-0·2	61	
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1011·0	1011·5	- 3·2	287·8	291·9	16th	279·7	277·4	13,17,20	283·7	*283·4*	0·0	42	
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	‡Dillingham	59 9	158 28	24·4	..	..	..	295·0	303·0	22nd,23rd	282·3	275·8	5th	288·7	..	+2·5	106	
306	‡Kodiak (Radio)	57 47	152 22	4·6	1016·1	1016·6	+ 1·9	287·3	292·4	8th	281·6	279·7	5th	284·5	*284·1*	-0·9	‡141	
309	Sitka	57 3	135 19	19·8	..	..	..	291·1	296·3	15th	283·7	280·2	1st	287·4	..	+1·7	18	
310	Prince Rupert	54 18	130 18	51·8	1014·6	1020·9	+ 2·5	293·0	301·3	16th	282·4	279·7	1st,6th	287·7	*287·6*	+1·5	49	
311	Barkerville	53 2	121 35	1274	873·4	1015·4	+ 2·9	291·9	299·7	23rd,24th	279·1	275·2	9th	285·5	*285·1*	+0·2	85	
312	Kamloops	50 41	120 29	385	973·7	1017·8	+ 2·0	302·3	312·4	23rd	286·9	281·2	10th	294·6	*294·5*	+0·5	25	
313	Calgary	51 2	114 2	1045	898·4	1015·2	+ 4·4	295·2	302·4	24th	281·9	277·4	2,10,29	288·6	*288·3*	-0·6	245	
314	Fort Chipewyan	58 42	111 10	218	..	..	..	297·5	305·5	23rd	284·5	273·6	31st	291·0	*291·7*	+2·8	15	
315	Prince Albert	53 10	105 38	442	963·7	1014·8	+ 4·3	296·9	305·2	24th,25th	284·7	279·1	1st	290·8	*290·3*	+0·7	97	
316	Qu'Appelle	50 30	103 47	645	939·8	1013·1	+ 2·3	295·8	304·1	25th	284·1	276·3	2nd	289·9	*289·8*	-0·6	149	
317	Minnedosa	50 15	99 50	515	955·1	1014·4	+ 2·5	295·4	303·6	25th	284·1	273·8	2nd	289·7	*289·7*	-0·9	64	
318	Berens River	52 18	97 23	216	..	..	..	297·8	305·2	8th	..	..	..	..	..	..	..	..
318a	Port Nelson	57 0	92 51	14·9	1013·3	1015·1	+ 3·6	289·7	303·0	22nd	279·1	272·4	19th	284·4	..	-1·7	9	
319	Pagwa	50 3	85 18	189	..	..	..	296·1	302·4	27th,30th	281·6	271·9	3rd	288·8	..	-0·9	41	
320	Moose Factory	51 14	80 30	9·1	1010·9	1012·0	+ 1·1	295·2	304·1	11th	283·0	275·2	18th	289·1	..	-0·2	69	
321	Fort George	53 50	79 5	97·5	..	..	..	?290·2	?298·1	1st	?279·3	?273·0	5th	?284·7	..	-0·7	..	
322	Mistassini Post	50 15	73 55	383	..	..	..	292·2	308·0	2nd	..	..	..	..	..	..	65	
324	Natashquan	50 8	61 48	6·1	..	..	..	292·7	298·0	13th	283·3	276·3	21st	288·0	..	+1·1	79	
326	Belle Isle	51 53	55 23	130	997·2	1013·4	+ 1·2	284·9	289·7	4th,24th Sea Temp.	279·2	276·9	6,8,10	282·1	*281·9*	-0·5	24	
331	55°-50°N. 30°-25°W.	††53 30	††27 39	§(35)	..	1013·7	..	..	..	286·1|-0·1	..	..	..	..	285·9	..	..	
333	53°-48°N. 20°-15°W.	††50 28	††17 17	§(27)	..	1012·4	..	..	..	288·0|-0·4	..	..	..	..	287·8	..	..	
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1009·1	1010·7	- 4·8	290·6	294·1	15th,18th	285·4	282·0	14th	288·0	287·9	0·0	99	
335	Aberdeen	57 10	W. 2 6	26·0	1009·0	1012·1	- 0·4	289·3	294·9	10th	284·5	282·3	2nd	286·9	286·6	+0·2	48	
336	Greenwich	51 28	0 0	46·3	..	1012·8	- 2·8	294·6	300·2	10th,11th	285·2	281·3	20th	289·8	289·1	-0·7	57	
337	Uccle	50 48	E. 4 22	100	1001·0	1012·8	- 3·1	296·6	304·6	5th	286·2	281·3	20th	291·4	290·3	+1·1	65	
338	De Bilt	52 6	5 11	3·0	1012·1	1012·5	- 2·8	294·8	303·0	6th	286·5	280·1	20th	290·7	290·1	+0·3	58	
338a	Hamburg	53 33	9 58	40·3	1007·9	1012·6	- 1·6	295·9	302·0	27th	287·2	283·4	21st	291·5	*291·1*	+0·9	129	
339	‡Copenhagen (Meteor Inst.)	55 41	12 36	5·0	1011·2	1011·8	- 1·1	295·2	302·0	11th	287·3	283·5	6th	291·3	*291·1*	+2·7	96	
340	Potsdam	52 23	13 4	84·9	1002·3	1012·3	- 2·1	297·2	303·3	1st	287·6	283·5	21st	292·4	291·8	+1·1	166	
340a	Uppsala	59 51	17 38	24	1008·8	1011·6	+ 1·0	297·7	304·1	15th	286·7	284·0	1st	292·2	292·3	+2·7	101	
341	Warsaw	52 13	21 3	89·9	1001·2	1011·7	- 2·4	298·0	304·3	15th	288·3	285·1	26th	293·1	*293·0*	..	139	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1002·4	1011·8	+ 0·8	299·6	303·6	15th	288·3	284·5	1st	294·0	294·0	+4·0	48	
343	Leningrad	59 56	30 16	8·6	1011·8	1012·8	+ 2·2	298·5	303·3	18th	289·0	284·1	28th	293·7	*294·6*	+4·2	23	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	
344a	Moscow	55 50	37 33	167	990·8	1010·3	- 0·3	296·6	299·7	16th	286·7	282·3	30th	291·7	*291·6*	+0·6	145	
345	Saratov	51 32	46 2	127	993·8	1008·5	- 1·1	299·6	304·5	8th,23rd	289·2	285·7	10th	294·4	*293·9*	+0·2	93	
346	Kazan	55 47	49 8	79·9	1000·7	1010·0	- 0·4	299·5	305·2	23rd	288·2	283·3	18th	293·9	*293·6*	+0·7	32	
347	Orenburg	51 45	55 6	109	996·2	1008·7	- 1·0	304·3	312·6	28th	290·3	284·5	20th	297·3	*297·4*	+2·5	38	
348	Perm	58 1	56 16	183	991·8	1010·8	+ 1·4	298·0	304·0	22nd	286·7	281·0	19th	292·4	*292·1*	+1·2	108	
349	Sverdlovsk	56 50	60 38	281	977·5	1010·0	+ 2·0	296·7	304·8	24th	287·5	279·1	19th	292·1	*291·6*	+1·6	146	
350	‡Tobolsk	58 12	68 14	108	999·5	1012·2	+ 3·8	..	..	..	286·6	278·6	11th	..	*291·8*	+0·7	63	
351	‡Akmolinsk	51 12	71 23	353	968·7	1008·7	+ 0·6	301·7	311·4	31st	286·7	278·6	21st	294·2	*294·9*	+1·7	17	
352	‡Omsk	55 1	73 19	108	996·8	1009·4	+ 1·4	298·3	311·5	30th	286·6	281·6	11th	292·4	*291·8*	-0·6	60	
353	Barnaoul	53 20	83 48	158	989·1	1007·3	+ 1·6	..	304·7	31st	287·4	278·9	15th	..	*293·3*	+1·0	57	
354	Tomsk	56 30	84 58	122	994·4	1008·8	+ 1·7	295·3	304·0	27th	284·5	275·6	12th	289·9	*289·8*	-1·0	74	
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	999·5	1004·5	- 2·6	294·2	299·7	29th	286·7	282·8	31st	290·4	*290·3*	+0·9	86	
366	Okhotsk	59 21	143 17	5·5	1006·2	1006·9	- 2·8	288·2	295·5	9th	283·0	280·1	2nd	285·6	*285·2*	+0·8	53	
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1001·2	1011·7	+ 1·4	..	..	..	282·5	279·0	28th	..	*284·2*	+0·6	84	
369	Kluchevskoye	56 21	160 48	? 30	1006·2	1009·7	..	..	..	..	285·9	278·8	12th	..	*290·4*	..	..	
370	Nikolskoe	55 12	165 59	6·8	1011·8	1012·6	..	284·7	286·7	18th	281·7	278·5	1st	283·2	..	..	29	
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 & 107.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

JULY - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1010·1	1018·5	+ 1·2	292·7	304·7	23rd	284·2	283·0	2nd,22nd	288·5	287·8	-0·1	5	- 6
412	Portland, Oregon	45 32	122 41	46·6	1012·9	1018·3	+ 1·1	299·1	311·3	23rd	287·6	284·7	10th	293·3	*293·1*	+1·1	24	+ 9
413	Macleod	49 44	113 24	953	..	..	..	296·8	304·7	25th	283·0	277·4	3rd	289·9	*290·3*	-1·3	47	- 4
414	Helena	46 34	112 4	1253	876·3	1015·6	+ 1·5	300·2	306·3	8th	285·2	277·4	1st	292·7	*292·6*	-0·2	27	- 2
414a	Salt Lake City	40 46	111 54	1329	868·7	1013·2	+ 1·5	305·2	310·8	18th	292·1	284·1	5th	298·7	*298·7*	+0·9	6	- 7
415	Cheyenne	41 8	104 48	1856	818·4	1016·9	+ 1·9	298·1	303·6	20th	284·4	279·7	1st	291·3	*290·9*	-1·3	68	+17
416	North Platte	41 8	100 45	860	919·3	1016·6	+ 1·9	303·3	309·1	8th	289·1	283·0	17th	296·2	*296·2*	-0·2	11	-60
416a	Bismarck	46 47	100 38	510	956·4	1015·9	+ 1·7	296·7	305·2	27th	286·4	278·6	2nd	292·6	*292·8*	-1·5	57	0
417	Winnipeg	49 53	97 7	232	987·3	1014·4	+ 2·1	297·8	305·3	24th	285·4	278·3	2nd	291·6	*291·7*	-0·5	29	-50
418	Duluth	46 47	92 6	345	975·4	1016·2	+ 2·0	295·6	301·3	25th	284·0	279·7	4th	289·8	*288·4*	-1·1	127	+31
419	Port Arthur	48 27	89 12	196	991·9	1014·9	+ 1·2	295·2	303·6	24th	284·7	277·4	3rd	289·9	*289·8*	+0·1	76	-18
420	Chicago	41 47	87 35	205	991·6	1015·9	+ 0·7	299·2	308·0	28th	290·9	286·3	3rd	295·1	*294·3*	-1·2	75	-11
421	Toronto	43 40	79 24	116	1001·0	1014·6	+ 0·2	299·0	305·9	12th	288·1	281·1	4th	293·5	293·3	-0·1	149	+77
422	∮New York (Central Park)	40 47	73 58	47·4	1010·3	1015·8	+ 0·3	300·6	306·3	13,15,28	292·0	285·2	5th	296·3	296·0	-0·9	165	+51
423	St. John, N.B.	45 17	66 4	36·3	1010·8	1015·1	+ 1·4	292·6	298·8	1st	285·2	280·5	5th	288·9	288·2	+0·1	175	+83
424	S.W. Point, Anticosti	49 24	63 33	9·1	1012·0	1013·1	+ 2·6	289·7	294·1	31st	284·7	280·2	5th	287·2	*287·3*	+0·5	23	-58
424a	Sable Island (Main Station)	43 57	60 6	7·6	1018·1	1019·0	+ 3·1	291·3	295·8	22nd	287·4	282·4	6th	289·4	*289·1*	+1·5	105	+12
425	Port aux Basques	47 35	59 10	9·1	1015·2	1016·3	+ 2·6	290·1	295·8	31st	284·8	281·1	6th	287·4	*287·1*	+1·2	118	+ 6
426	St. John's, Newfoundland	47 34	52 42	48·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
435	Madrid	40 24	3 41	667	939·8	1014·5	- 0·2	300·9	306·6	31st	288·5	282·8	8th	294·7	*294·6*	-1·5	26	+18
436	Nantes	47 15	W. 1 34	36·5	1009·8	1014·1	- 3·8	294·1	298·0	31st	286·3	282·7	26th	290·2	290·0	-1·2	71	+15
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1008·1	1014·0	- 3·0	295·6	303·6	5th	287·0	283·4	18th	291·3	290·9	-0·2	107	+55
438	Marseille	43 18	5 23	75	..	1013·6	- 1·5	301·4	306·0	21st	289·3	285·4	9th,25th	295·3	*295·0*	-0·1	6	-11
438a	Zürich	47 23	8 33	493	958·3	1014·8	- 2·0	298·0	304·8	27th	286·3	281·8	1st	292·1	291·0	-0·1	133	+ 3
439	Rome	41 54	12 27	45·5	1008·8	1014·0	- 1·0	305·4	307·3	16th	293·2	292·9	15th	299·3	*299·1*	+1·6	0	-17
440	Vienna	48 15	16 22	203	989·4	1013·0	- 2·0	297·4	302·5	9th	288·5	285·5	3rd	292·9	292·7	-0·4	72	- 7
441	Budapest	47 31	19 1	130	997·3	1012·4	- 1·5	301·8	308·2	9th	289·3	285·7	6th	295·5	295·2	+0·7	46	- 9
442	∮Sofia	42 42	23 20	550	950·5	1012·0	- 1·8	302·6	308·6	2nd,9th	289·7	284·9	7th	296·1	*296·4*	+2·8	39	-33
	Bucharest	44 25	26 6	82	1002·1	1011·6	- 1·0	303·6	312·8	2nd	290·7	288·4	22nd	297·1	296·7	+1·0	58	-10
443	Odessa (Observatory)	46 26	30 46	42·8	1005·6	1010·6	- 1·8	..	309·2	10th	..	..	22nd	..	*295·2*	-0·4	47	- 2
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1005·4	1006·7	- 1·2	301·3	305·9	18th	292·3	287·6	3rd	296·8	*296·6*	+0·2	40	-26
445	Tiflis	41 43	44 48	404	962·6	1007·9	- 1·7	303·3	307·9	22nd	291·6	289·0	4th	297·5	*297·2*	0·0	61	+12
446	Astrakhan	46 21	48 2	- 20	1010·8	1008·5	- 2·1	303·6	306·5	7th	294·7	291·7	29th	299·1	*298·6*	+1·1	32	+19
447	Fort Alexandrovsk	44 31	50 7	- 23·0	1011·0	1008·4	- 1·3	303·3	309·1	13th	296·3	292·1	4th	299·8	*299·7*	+0·8	1	-14
448	Krasnovodsk	40 0	52 59	- 4·6	1006·3	1005·6	- 2·4	307·5	315·1	13th	298·6	293·5	1st	303·0	*302·3*	+0·8	0	- 5
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	292·9	287·2	20th,21st	..	*300·5*	+2·1	4	- 3
450	Tashkent	41 20	69 18	478	949·2	1001·6	- 2·2	309·1	313·7	11th	292·4	283·1	22nd	300·7	*300·6*	+1·1	0	- 4
451	Narynskoe	41 28	76 13	2015	..	..	..	298·7	304·0	13th	283·2	277·3	23rd	290·9	*291·3*	+1·2	12	-26
452	Alma Ata	43 16	76 53	841	912·3	1003·2	- 1·7	305·1	312·2	12th	291·9	285·0	22nd	298·5	*298·2*	+2·8	7	-28
461	Moukden	41 48	123 23	43·8	998·7	1003·7	- 0·9	303·1	307·6	25th	294·1	289·4	29th	298·6	298·1	+0·4	242	+80
462	Joshin	40 40	129 11	31·9	1002·2	1005·9	- 1·5	299·1	305·5	19th	292·2	289·1	2nd	295·7	295·0	+1·7	219	+105
463	Yuki	42 20	130 24	63·8	998·1	1005·5	- 2·1	297·3	303·0	18th	291·0	287·3	8th	294·1	293·9	+1·3	125	+11
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1003·8	1007·0	- 2·1	295·3	302·3	9th	285·9	279·1	7th	290·6	290·4	+2·2	105	+ 4
466	Nemuro	43 20	145 35	26·7	1005·7	1008·9	- 1·2	292·8	300·2	16th	285·9	282·0	8th	289·3	288·9	+1·8	152	+56
466a	Syrana	45 14	147 53	39·3	1004·4	1009·1	- 1·5	292·3	301·0	31st	284·8	279·1	7th,8th	288·5	288·6	+1·9	77	+ 3
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

JULY - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
508	35°-30°N. 145°-140°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1009·3	1015·2	+ 0·7	291·2	295·2	4th	284·4	283·0	21st	287·8	*287·2*	+0·7	0	- 1
512	San Luis Obispo	35 18	120 39	61·3	1008·4	1015·9	+ 1·3	297·4	305·2	21st	284·1	280·8	4th	290·8	..	+0·4	0	0
512a	Sacramento	38 35	121 30	21·0	1009·9	1012·2	+ 0·8	306·3	314·7	12th	286·9	284·7	16th	296·6	*296·8*	+0·7	0	- 1
513	San Diego	32 43	117 10	26·5	1010·7	1013·9	+ 0·8	296·6	300·2	22nd	290·7	288·0	5th	293·7	*293·2*	+1·4	0	- 2
514	Modena	37 48	113 54	1668	836·2	1012·8	+ 1·2	304·2	308·0	18th	286·1	280·8	1st	295·2	*295·0*	+1·1	30	- 7
515	Santa Fé	35 41	105 57	2138	792·9	1013·2	+ 1·7	300·9	306·3	16th	287·7	283·6	1st	294·3	*293·8*	+1·1	27	-40
516	Denver	39 45	105 0	1613	842·6	1016·9	+ 2·6	301·5	308·0	17th	288·1	285·2	1st	294·8	*294·0*	-0·5	60	+15
517	Abilene	32 23	99 40	530	955·4	1014·9	+ 1·4	307·9	311·3	20th	294·9	291·3	3rd	301·4	*300·7*	+0·4	48	- 2
518	Saint Louis	38 38	90 12	173	995·9	1015·9	+ 0·7	303·3	309·1	28th	293·4	286·3	4th	298·3	*298·1*	-0·9	71	-21
519	Mobile	30 41	88 2	17·4	1015·3	1017·3	+ 0·9	305·5	307·4	31st	296·7	293·6	3rd	301·1	*299·9*	+1·2	89	-90
520	Nashville	36 10	86 47	166	997·6	1016·9	+ 0·7	304·3	308·0	28th	293·2	288·6	5th	298·8	*298·5*	-0·3	40	-65
521	Charleston	32 47	79 56	14·6	1016·1	1017·9	+ 0·9	303·7	310·8	3rd	296·4	293·0	11th	300·0	*300·0*	0·0	137	-83
522	Washington	38 54	77 3	34·1	1011·5	1015·6	- 0·1	303·1	308·6	14th	292·3	286·3	5th	297·7	*297·2*	0·0	46	-74
524	Bermuda	32 17	64 46	46·0	1018·1	1023·4	+ 2·9	302·2	304·0	31st	294·4	289·6	1st	298·3	*298·6*	-0·8	87	-28
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

JULY - ZONE 5 (EUROPE, AFRICA, ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]
		N.	W.															
530	Santa Cruz (Flores)	39 27	31 9	40	1019·0	1023·8	- 2·1	296·7	301·2	15th	291·1	289·3	1st	293·9	*293·9*	-0·7	94	[illegible]
531	Horta	38 32	28 38	65	1015·6	1023·4	- 1·6	296·7	299·8	27th	291·3	288·5	1st	294·0	293·4	-1·1	47	[illegible]
532	Ponta Delgada	37 44	25 40	22	1020·2	1022·8	- 1·3	295·3	297·4	31st	291·2	288·0	1st	293·3	293·1	-0·8	..	[illegible]
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	85	[illegible]
533	Madeira (Funchal)	32 38	16 55	25	1019·4	1022·3	+ 2·0	296·7	299·0	29th	292·8	291·0	3rd	294·7	*294·9*	+0·7	0	[illegible]
535	Lisbon	38 43	9 9	95	1007·5	1018·7	+ 1·5	297·4	302·6	20th	289·9	287·8	10th	293·6	293·0	-1·1	1	[illegible]
535a	Melilla	35 17	2 59	40	1011·9	1016·5	..	300·0	303·9	23rd	293·5	290·4	10th	296·7	*297·2*	-2·3	0	[illegible]
536	∅Gibraltar	36 6	5 21	16·2	..	1016·7	- 0·3	301·2	304·1	21,28,31	291·2	289·1	11th	296·2	*295·3*	-0·6	0	[illegible]
536a	Colomb-Béchar	31 36	W. 2 4	769	926·3	1007·1	..	314·3	316·4	19th	298·5	291·0	1st	306·4	*306·9*	..	0	[illegible]
537	Palma	39 34	E. 2 39	23	1012·5	1015·2	- 2·8	303·4	307·0	16th	291·4	288·4	14th	297·4	*297·1*	-0·8	0	[illegible]
538	∅Algiers (Bouzaréah)	36 48	3 2	342	975·6	1014·8	- 0·5	299·5	307·0	22nd	292·8	291·0	9th	296·2	295·6	-0·4	0	[illegible]
538a	∅Gadames	30 9	9 30	351	..	..	..	317·5	322·0	5th	296·9	293·4	21st	307·2	..	+0·5	0	[illegible]
539	Tunis	36 48	10 10	75	1006·9	1015·5	..	304·8	314·2	8th	293·4	290·7	27th,29th	299·1	*299·0*	+0·6	0	[illegible]
539a	Malta	35 54	14 31	56·4	..	1013·7	- 0·5	303·2	307·6	2nd	296·9	295·8	5,7,12	300·1	*299·3*	+1·4	0	[illegible]
540	Riposto	37 41	15 14	14·2	..	1015·5	- 0·8	302·0	303·8	13th,29th	294·7	292·2	6th	298·3	*297·4*	-0·5	0	[illegible]
541	Athens	37 58	23 43	107	998·6	1010·7	- 0·6	306·8	314·2	3rd	297·1	293·6	16th	301·9	301·5	+1·6	10	[illegible]
542	Alexandria	31 12	29 53	32·0	1004·8	1008·4	- 1·2	304·6	306·6	14th	297·7	296·8	9th	301·2	*300·6*	+1·9	0	[illegible]
543	Ankara (Angora)	39 58	32 48	970	902·3	1007·9	- 2·0	301·4	307·9	10th	288·5	283·7	8th	294·9	*295·0*	..	20	[illegible]
543a	∅Nicosia (P.W.D.)	35 9	33 22	159	985·8	1003·1	- 2·4	310·4	316·3	11th	295·8	291·3	7th	303·1	..	+1·7	3	[illegible]
544	Beirut	33 54	35 28	33·7	..	1005·5	- 2·1	305·2	306·3	6th	297·3	294·1	4th	301·3	*301·2*	+1·7	0	[illegible]
545	Hinaidi	33 17	44 29	32·3	..	998·4	- 1·2	316·9	319·1	7,20,27	298·5	294·1	1st	307·7	*308·8*	+0·1	0	[illegible]
546	Lenkoran	38 46	48 51	- 20·0	1009·6	1007·4	- 1·9	..	305·0	7th	293·9	290·5	5th	..	*298·5*	+0·4	12	[illegible]
547	Tehran	35 41	51 25	1220	..	..	..	310·1	315·3	16th	296·6	291·6	4th	303·3	*303·1*	+0·9	2	[illegible]
548	Meshed	36 17	59 38	946	869·5	..	..	308·6	313·2	14th,15th	290·6	286·6	23rd	299·6	..	+1·9	0	[illegible]
549	Seistan	31 0	61 30	610	..	..	..	313·8	318·2	14th	300·7	297·4	23rd	307·3	..	+1·6	0	[illegible]
550	Quetta	30 11	67 3	1677	826·0	..	0·0	308·6	311·8	6th,18th	291·9	287·1	2nd	300·3	*300·1*	+1·1	22	[illegible]
551	Peshawar	34 2	71 37	339	961·1	997·8	+ 0·3	314·0	318·3	14th	300·5	296·8	10,23,25	307·3	*306·8*	+1·5	8	[illegible]
551a	Lahore	31 34	74 20	214	974·1	997·6	+ 0·1	309·9	317·3	4th	300·6	295·2	8th	305·3	*304·7*	0·0	140	[illegible]
552	Simla	31 7	77 8	2204	777·3	..	+ 0·6	293·2	296·6	1st	288·9	287·4	9th	291·1	*290·9*	-0·3	424	[illegible]
552a	Leh	34 10	77 42	3503	665·0	..	+ 0·8	297·2	302·9	18th	283·3	278·8	2nd,9th	290·2	*289·2*	-0·4	13	[illegible]
559	∅Hankow	30 35	114 17	37·0	999·4	1003·5	- 0·5	308·0	311·4	30th	299·7	295·5	8th	303·9	*303·2*	+1·5	342	[illegible]
560	∅Tientsin	39 10	117 10	5·0	1002·2	1002·7	- 1·4	307·9	315·5	2nd,3rd	295·7	290·7	1st	301·8	*301·0*	+1·5	223	[illegible]
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1005·2	+ 0·5	306·6	310·6	22nd	297·3	295·0	2nd	302·0	300·8	+0·9	127	[illegible]
562	Jinsen (Chemulpho)	37 29	126 37	67·6	999·7	1007·4	+ 0·8	300·8	305·3	5th	294·3	290·5	2nd	297·6	297·2	+1·0	236	[illegible]
562a	Nagasaki	32 44	129 52	133	995·5	1010·6	+ 2·2	303·5	307·4	24th	296·9	295·0	6th,26th	300·2	299·5	+1·0	127	[illegible]
563	Kyoto	35 1	135 44	42·9	1005·5	1010·4	+ 1·9	305·2	308·8	29th	295·2	292·1	24th	300·2	299·6	+1·4	79	[illegible]
564	Tokyo	35 41	139 46	5·8	1009·2	1009·8	+ 0·5	303·3	308·6	23rd	295·6	292·9	10th	299·4	299·0	+1·8	117	[illegible]
565	∅Hukusima	37 45	140 24	62·0	1001·9	1009·0	- 0·2	303·4	308·6	30th	294·4	292·5	25th	298·9	297·9	+1·7	205	[illegible]
566	Miyako	39 38	141 59	30·4	1004·9	1008·4	- 1·0	299·0	305·0	31st	291·6	288·9	9th	295·3	294·6	+1·7	104	[illegible]
		N.	E.															

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

JULY - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	E.															
647	Bushire	29 0	50 50	4·3	994·3	994·8	..	308·3	311·8	3rd	302·7	299·2	6th	305·5	*304·8*	+0·5	0	0
648	Jask	25 45	57 45	4·0	994·0	994·4	..	309·1	312·2	12th	303·2	301·2	27th	306·1	*305·4*	+0·5	0	0
649	Karachi	24 53	66 57	4·0	998·1	998·6	- 0·7	304·4	306·4	6th	300·2	296·3	31st	302·3	*301·6*	+0·1	119	+44
650	Jacobabad	28 17	68 29	56·7	990·0	996·2	0·0	314·9	319·3	4th	303·6	299·2	24th	309·3	*308·7*	+0·5	10	-12
651	Jaipur	26 56	75 52	436	951·3	998·9	- 0·5	307·6	316·5	3rd	298·8	295·8	29th	303·2	*302·3*	0·0	181	-23
652	Nagpur	21 8	79 5	310	966·9	1001·4	- 0·3	302·9	305·9	1st	296·6	295·1	2nd	299·7	*299·1*	-0·9	433	+82
653	Allahabad	25 25	81 51	94·2	988·0	998·8	- 0·4	307·1	313·3	1st	299·3	296·7	9th	303·2	*302·6*	0·0	511	+214
653a	Darjeeling	27 3	88 15	2265	772·3	..	0·0	293·3	296·7	28th	288·1	287·1	18th	290·7	*290·5*	+1·0	865	+44
654	Calcutta	22 36	88 23	6·4	998·4	999·2	- 1·0	304·8	307·4	20th	299·2	297·2	29th	302·0	*301·9*	+0·6	215	-102
655	Gauhati	26 8	91 41	59·7	995·6	1002·3	+ 0·2	305·5	309·4	27th	298·8	296·4	12th	302·2	*301·6*	+0·3	320	+21
655m	Cherrapunji	25 15	91 42	1313	862·6	..	- 0·2	295·8	299·6	28th	291·9	291·1	30th	293·9	*293·4*	+0·6	1972	-530
655a	Akyab	20 11	92 56	6·1	1002·0	1002·7	- 1·1	301·7	303·1	8th	298·1	296·2	13th	299·9	*300·0*	-0·3	1135	-257
656	Mandalay	21 59	96 0	76·2	995·7	1004·1	- 0·1	307·9	312·3	15th	299·1	295·2	7th	303·5	*302·9*	+0·2	101	+17
656a	Tengyueh	5 2	98 33	1626	832·4	1002·6	..	295·4	300·2	..	290·2	287·4	..	292·8	*292·1*	-0·3	353	+15
657	Phu Lien	20 48	106 38	116	989·1	1002·0	- 0·6	304·3	308·8	17th	298·4	296·0	1st	301·4	300·8	-0·3	321	+57
658	Moncay	21 31	107 51	9·0	1001·1	1002·2	- 0·6	305·2	309·3	17th	298·7	296·0	23rd	302·0	*301·6*	+0·3	699	+128
659	Hongkong	22 18	114 10	33·2	..	1004·2	- 0·5	303·3	305·5	17th	298·8	297·1	25th	301·1	300·7	-0·1	476	+110
661	∅Taihoku, Formosa	25 2	121 31	9·3	1005·5	1006·5	+ 0·9	306·4	308·3	8th,14th	297·4	295·7	11th	301·9	301·2	+0·1	331	+105
661a	∅Basco	20 28	121 59	18·7	..	1005·8	+ 0·4	304·0	306·0	13th	298·5	297·3	28th	301·3	301·0	-0·2	385	+71
662	Naha	26 13	127 41	8·2	1008·5	1009·4	+ 1·8	303·4	305·0	9th	298·2	296·5	2nd,3rd	300·8	300·7	-0·2	81	-107
665	∅Titizima (Bonin Island)	27 5	142 11	4·1	1012·3	1012·8	+ 1·2	304·8	307·1	25th	296·9	294·8	12th	300·9	300·3	+0·2	11	-155
		N.	E.															

JULY - ZONE 6. (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1019·0	1019·6	+ 0·7	301·9	303·6	6th	294·7	298·6	18th	298·3	*297·8*	0·0	61	[illegible]
605	Honolulu	21 19	157 52	11·6	1016·3	1017·6	+ 1·0	300·4	301·9	14th	295·8	294·1	10th	298·1	*298·0*	-0·3	60	[illegible]
613	Guaymas	27 55	110 53	8·3	1011·2	1012·3	..	307·1	309·8	8th	300·1	293·8	20th	303·6	*302·7*	-0·7	91	[illegible]
615	Chihuahua	28 38	106 4	1423	860·6	1009·0	- 0·8	304·6	309·0	11th	291·2	288·5	28th	297·9	*298·9*	+0·7	92	[illegible]
616	Leon	21 7	101 41	1809	823·1	1011·4	+ 0·5	299·7	302·2	31st	287·0	284·0	10th	293·4	*292·7*	-1·0	84	[illegible]
616a	Monterry	25 40	100 18	528	954·8	1013·4	+ 2·1	303·3	305·5	10th	294·6	292·8	17th	299·0	*298·7*	-1·6	119	[illegible]
617	∅Tulancingo	20 5	98 22	2181	791·7	1012·8	+ 0·4	295·5	299·2	14th	283·3	279·8	9th	289·4	*288·3*	-1·1	125	[illegible]
618	Galveston	29 18	94 50	16·5	1015·3	1017·3	+ 1·3	304·4	308·0	18th	299·1	295·2	3rd	301·8	*301·4*	+0·5	92	[illegible]
618a	New Orleans	29 57	90 4	16·2	1015·4	1017·3	+ 1·4	305·6	308·6	11th	297·6	294·7	17th	301·6	*301·2*	+0·9	154	[illegible]
619	∅Merida, Yuc.	20 58	89 38	22	1013·3	1015·8	+ 0·2	305·5	309·2	5th	296·4	294·2	22nd	301·0	*299·6*	-0·2	187	[illegible]
620	Havana	23 7	82 25	77·0	..	1016·7	0·0	305·0	306·6	24th	296·9	295·5	14th	300·9	300·3	..	70	[illegible]
620a	Key West	24 33	81 48	6·7	1016·8	1017·6	+ 0·7	305·6	307·4	9th	299·2	296·3	19th	302·4	*301·8*	+0·8	62	[illegible]
621	Nassau, Bahamas	25 5	77 21	7·3	..	..	..	304·4	..	..	297·7	..	..	301·1	*301·2*	-0·1	178	[illegible]
622	∅Watling Island	24 6	74 26	33·5	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
633	Port Etienne	20 56	17 3	4	..	..	..	303·4	309·0	1st	289·4	285·5	4th	296·4	*295·4*	..	..	[illegible]
634m	Izaña	28 19	16 30	2367	773·7	..	+ 0·7	293·9	299·5	23rd	284·6	280·1	14th	289·3	*288·1*	-0·8	0	[illegible]
634	La Laguna	28 28	16 20	547	956·2	1018·6	+ 1·6	297·4	305·3	21st	289·1	287·2	18th	293·2	*292·6*	-0·1	5	[illegible]
636	Adrar	27 38	W. 0 4	285	978·4	1009·0	..	321·4	324·0	18th	301·6	299·1	13th,21st	311·5	..	..	0	[illegible]
638	Laperrine	22 36	E. 5 26	1350	..	..	..	309·1	312·4	3rd	295·1	291·0	30th	302·1	*304·3*	..	0	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	312·2	317·5	11th	301·6	297·0	28th	306·9	*306·2*	..	0	[illegible]
642	Siwa	29 12	25 29	- 23	1012·4	1009·8	..	312·7	317·0	4,5,11	295·7	291·9	29th	304·2	..	..	0	[illegible]
643	∅Cairo (Helwan)	29 52	31 20	116	994·3	1007·2	- 1·0	309·9	314·0	5th	295·0	292·6	26th	302·4	*302·2*	+1·2	0	[illegible]
643a	Aswan	24 2	32 53	100	994·6	1005·4	- 0·6	315·7	319·6	5th	298·7	297·0	25th	307·2	*307·0*	+1·0	..	[illegible]
644	Tor	28 14	33 37	1·9	1004·0	1004·2	- 0·8	308·2	313·2	29th	298·0	294·6	27th	303·1	*302·4*	+1·4	0	[illegible]
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]

BETWEEN LATITUDE 20° N. AND 10° N.

JULY - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	957·5	1013·0	+ 0·8	304·3	307·5	17th	293·7	292·1	6th,15th	299·0	*298·2*	-0·8	257	+81
716	Morelia	19 42	101 7	1923	811·5	1011·3	+ 0·9	295·5	298·3	11th	286·9	284·7	25th	291·2	*291·0*	-0·1	141	-18
717	∅Mexico, Tacubaya	19 24	99 12	2309	776·4	..	+ 0·4	295·8	297·7	31st	283·5	280·4	9th	289·7	288·3	-0·4	127	0
718	∅Salina Cruz	16 12	95 12	56	1005·8	1012·2	- 0·1	304·2	305·5	27th	296·5	293·0	31st	300·4	*300·9*	-0·1	72	-44
719	San Salvador	13 42	89 13	682	937·9	1013·3	+ 1·1	305·8	307·0	7th,11th	290·9	289·8	18th,28th	298·3	*297·0*	+0·4	483	+185
720	∅Belize	17 31	88 11	5·2	1013·6	1014·2	+ 0·7	..	..	..	296·7	293·0	4th	..	*‡299·3*	-0·2	295	+157
721	∅Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1015·4	+ 0·8	304·7	307·2	6th	295·9	293·9	18th	300·3	*299·8*	+0·4	227	+79
722	Port au Prince	18 33	72 20	37·4	1011·5	1015·8	+ 0·4	306·8	309·4	9th	296·8	294·6	14th	301·8	*300·9*	+0·1	117	+48
723	Caracas	10 30	66 56	1042	900·1	1014·2	+ 0·1	298·4	300·7	30th	289·3	286·9	4th	293·9	*293·2*	+0·1	138	+29
724	San Juan, Porto Rico	18 29	66 7	25·0	1014·0	1016·9	+ 0·1	302·5	305·2	1st	296·7	294·7	31st	299·6	*299·5*	0·0	268	+105
724a	Grenada (Richmond Hill)	12 5	61 46	188	992·0	1013·5	0·0	303·1	304·7	31st	297·1	295·2	6th,9th	300·1	*299·4*	+0·9	173	-66
725	∅Barbados	13 8	59 36	55·2	..	1015·4	+ 0·7	303·3	304·1	26th	296·1	294·9	2nd	299·7	*299·5*	-0·1	73	-55
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·5	1014·7	+ 0·6	299·5	302·0	23rd	295·4	292·0	5th,28th	297·4	*298·0*	+0·6	0	- 6
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·8	1013·6	- 1·0	301·9	304·0	10th	296·3	295·6	8,13,21	299·1	*299·2*	+0·4	0	- 9
733	Dakar	14 40	17 26	32	1009·3	1013·0	..	306·1	309·2	21st	297·1	295·0	14th	301·6	*299·8*	+0·8	87	0
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·4	304·1	9th	295·8	293·0	11th	299·1	*299·3*	-0·5	276	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	310·9	313·9	1st	297·5	292·0	20th	304·2	*303·9*	-1·5	177	+90
737	∅Sokoto	13 2	E. 5 14	353	..	..	..	305·2	308·0	4,9,11	295·4	293·0	5th,6th	300·3	*299·6*	-0·3	172	+12
738	Kaduna Capital	10 32	7 25	?637	..	..	..	301·1	303·0	19th,24th	..	..	..	..	*‡295·4*	-0·2	277	+ 7
739	Hadeija	12 40	10 5	?.	..	..	..	306·1	308·6	2,4,11	..	..	..	..	*‡300·3*	-0·1	146	+ 3
740	∅Maiduguri	11 47	13 11	361	..	..	..	307·1	311·9	15th,17th	295·7	293·0	12th	301·4	*300·8*	0·0	196	+29
741	El Fasher	13 32	25 18	730	927·9	1008·3	..	308·3	313·0	1st,2nd	295·0	291·5	29th	301·6	*300·4*	..	105	+ 2
743	El Obeid	13 11	30 14	563	946·7	1009·4	+ 0·2	307·3	312·0	1st	295·8	293·4	24th	301·6	*300·0*	-0·2	36	-53
743a	∅Khartoum	15 37	32 33	390	965·1	1008·0	+ 0·7	310·3	316·9	2nd	297·7	294·1	26th	304·0	*304·1*	-0·8	98	+51
744	Port Sudan	19 37	37 13	5·5	1004·0	1004·7	0·0	315·3	319·5	5th,7th	301·8	298·7	11th	308·6	*307·4*	+0·8	5	- 3
745	∅Berbera, Somaliland	10 22	45 2	13·8	1002·0	1003·6	- 0·8	313·7	316·3	2,4,7	..	..	..	..	..	..	0	- 2
746	Aden	12 45	45 3	28·7	1000·5	1003·7	- 0·2	307·1	309·1	4th	300·8	298·1	30th	303·9	*303·8*	-0·2	6	+ 5
751	Bombay	18 54	72 49	11·3	1002·8	1004·1	- 0·6	302·1	303·6	17th	298·8	297·9	23rd	300·4	300·2	0·0	428	-188
752	Kodaikanal	10 14	77 28	2343	769·1	..	+ 0·4	290·0	292·7	13th	284·4	283·1	14th	287·2	*286·3*	0·0	92	-35
752a	Bangalore	12 59	77 38	921	907·2	1007·6	+ 0·2	299·9	304·0	1st	291·8	290·4	10th	295·9	*294·8*	-0·4	98	- 8
753	Madras	13 4	80 14	6·7	1005·0	1005·8	- 0·2	308·8	311·7	27th	299·7	297·1	18th	304·3	*303·4*	+0·6	30	-70
754	Vizagapatam	17 42	83 19	11·6	999·7	1001·1	- 1·0	304·7	307·7	29th	299·6	296·9	15th	302·1	*301·3*	-0·3	92	-22
755	Port Blair	11 40	92 40	18·0	1004·9	1007·0	- 0·5	302·3	303·9	31st	298·5	296·6	15th,21st	300·4	*299·6*	0·0	195	-192
756	Rangoon	16 46	95 48	5·5	1005·7	1006·4	- 0·2	302·3	304·7	15th	297·5	296·4	27th	299·9	*298·9*	0·0	730	+136
757	Saigon	10 47	106 42	11	1006·6	1007·9	+ 0·6	303·6	305·4	9th	296·5	294·9	28th	300·1	*299·6*	-0·2	270	-41
758	Nhatrang	12 15	109 12	3·6	1004·7	1005·1	0·0	304·6	307·4	27th	297·3	296·1	5th	301·0	*300·5*	-0·5	12	-36
759	Bolinao	16 23	119 53	2	..	1005·8	+ 0·8	303·9	306·5	4th	296·4	295·0	15th	300·1	*299·8*	-0·1	562	-76
761	∅Vigan	17 34	120 23	12·2	..	1005·7	- 0·1	304·3	306·6	12th	297·4	296·1	16th	300·9	300·4	+0·1	633	-60
761a	Manila	14 35	120 59	14·2	..	1007·1	+ 0·3	304·2	306·5	4th	297·0	295·5	6th	300·6	299·9	-0·1	472	+56
762	∅Ormoc	11 0	124 36	5·6	..	1007·3	+ 0·2	305·2	307·2	27th	296·7	295·4	31st	300·9	*300·6*	+0·7	339	+51
765	∅Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·2	+ 0·6	..	..	..	297·5	295·6	18th	..	*301·0*	+0·5	374	+ 8
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ∅Change of normals, see pages 109 and 110.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111. ∅Change of normals, see pages 110 and 111.

JULY - ZONE 8

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	♯Cristobal (Colon)	9 23	79 54	11·0	..	1011·4	+ 0·7	303·1	304·7	2nd	297·3	295·8	17th	300·2	299·7	+0·4	473	..
822	Bogota	4 36	74 5	2645	747·1	..	..	290·4	293·0	5th	283·1	281·7	17th	286·8	*286·2*	..	65	..
822a	Merida, Venez.	8 36	71 9	1641	842·4	..	+ 0·2	297·0	300·5	31st	288·2	286·2	9th	292·6	*291·5*	-0·3	129	..
823	Ciudad Bolivar	8 9	63 33	38	1009·0	1013·3	..	303·2	305·6	24th	296·7	294·5	1st	299·9	*299·5*	-0·3	117	..
824	El Peru, Guayanaviejа	7 19	61 49	220	987·3	1012·3	+ 0·6	302·5	303·4	14th	294·6	292·9	8th	298·5	*298·0*	+0·2	271	..
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1013·8	+ 0·3	302·8	303·8	10,21,27	296·9	295·8	sev. dates	299·7	*299·4*	+0·1	386	..
826	Paramaribo	5 49	55 9	3·7	..	1014·2	+ 0·3	304·4	305·8	12th	294·9	293·4	10th	299·7	*299·6*	+0·5	150	..
826a	Cayenne	4 56	52 21	6	..	..	..	302·5	304·0	28th	296·4	294·0	8th	299·4	*298·8*	-0·5	37	..
831	10°-5°N. 30°-25°W.	††7 5	††27 5	§(111-123)	..	1014·9	+ 1·0	..	..	Sea Temp. 300·0	+0·6	..	..	..	299·4	+0·4	..	..
833	Konakri .	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1006·8	1014·6	+ 1·9	301·8	304·7	4th,15th	295·3	294·1	12,22,23	298·5	*297·7*	-0·4	868	..
835	Assuantsi	5 18	1 15	101	..	..	..	301·1	303·6	14th	294·4	293·0	16th	297·7	*297·2*	+0·6	23	..
836	Accra	5 33	W. 0 12	16·0	1011·7	1013·5	- 0·4	299·8	301·2	13th	295·8	294·9	24th	297·8	*297·4*	-0·3	10	..
837	Lagos	6 27	E. 3 24	3·0	1012·1	1012·5	- 0·7	300·4	301·9	10th	296·5	295·2	20th,21st	298·4	*298·1*	-0·2	218	..
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
839	Yola	9 12	12 30	259	..	..	..	304·9	309·7	9th	293·3	289·7	14th	299·1	*298·6*	+0·1	320	..
841	♯Wau	7 42	28 3	440	..	..	..	..	..	..	293·9	292·0	3rd	..	*298·9*	+0·8	294	..
843	Malakal (Kodok)	9 35	31 37	394	967·8	1011·9	+ 0·5	303·8	307·0	18th	294·5	292·8	3rd	299·2	*298·5*	+1·2	236	..
843a	♯Mongalla	5 11	31 47	448	961·6	1011·9	+ 0·6	304·5	308·5	1st	293·5	290·0	4th	299·0	*297·2*	-0·2	167	..
844	♯Entebbe	0 5	32 29	1171	886·2	1013·2	+ 0·9	298·2	300·2	29th	289·4	285·8	14th	293·8	*293·3*	+0·2	102	..
851	Minicoy	8 17	72 49	2·1	1010·0	1010·2	+ 0·1	302·8	304·2	15th	297·7	294·7	18th	300·3	*299·5*	..	199	..
851a	Cochin	9 58	76 21	2·7	1010·2	1010·6	+ 0·5	300·1	302·2	9th	295·9	295·1	6,7,22	298·0	*297·2*	-1·1	661	..
852	Colombo Observatory	6 54	79 52	7·3	..	1009·3	+ 0·4	302·7	303·7	11th	297·9	295·2	23rd	300·3	*299·5*	0·0	73	..
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	290·5	293·2	27th	286·2	283·9	30th	288·3	*287·6*	+0·4	367	..
854	Trincomalee	8 35	81 15	30·2	..	1008·9	+ 0·7	307·2	309·2	28th	298·4	297·2	7th	302·8	*302·0*	+0·2	26	..
855	Kuta Raja	5 32	95 20	7·1	..	1008·2	- 1·0	..	..	..	..	..	..	..	..	..	59	..
856	Medan	3 35	98 41	25·0	..	1008·8	- 0·1	305·4	307·4	28th	295·2	294·1	24th	300·3	299·4	+0·5	191	..
857	Penang	5 34	100 20	5·0	1009·6	1010·1	+ 0·4	306·7	307·4	31st	295·3	294·7	21st	301·0	*300·3*	+0·5	86	..
858	♯Singapore	1 18	103 51	10·9	1008·1	1009·3	+ 0·2	304·4	306·1	30th	296·8	294·7	10th	300·6	*300·1*	+0·1	77	..
859	Sandakan	5 50	118 7	31·7	..	..	..	304·4	306·3	31st	297·4	295·8	5th	300·9	*300·3*	+0·2	146	..
860	Iwahig	9 44	118 38	14·3	..	1007·4	+ 0·6	305·4	306·6	15,29,31	295·8	294·5	21st	300·6	*299·5*	+0·2	153	..
861	Tagbilaran	9 38	123 51	21·3	..	1007·8	+ 0·2	304·7	306·7	29th	297·4	295·6	5th	301·1	300·5	+0·2	222	..
861a	Menado	1 30	124 50	8·5	..	1008·4	- 0·1	303·5	306·7	31st	296·1	294·7	9th	299·8	299·4	0·0	73	..
862	Surigao	9 48	125 29	6	..	1007·9	+ 0·4	303·5	305·5	18th,17th	297·7	296·0	18th	300·6	300·4	0·0	131	..
863	♯Kolonia, Yap	9 29 N.	138 8 E.	29·3	..	1008·3	+ 0·5	304·2	306·4	28th	297·6	296·5	12,17,23	300·9	300·0	+0·2	652	..

JULY - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
924	Manaos	3 8	60 1	43·8	..	..	..	303·8	306·2	23rd	294·4	292·5	18th	299·1	*299·0*	-0·8	94	..
926	Taperinha	2 30	54 20	21·5	1011·5	1013·8	+ 0·7	304·9	306·5	15th	294·8	293·5	18th	299·8	*299·4*	+0·8	82	..
927	Turyassu	1 43	45 26	9·1	1012·8	1013·9	+ 0·7	304·7	306·2	29th	293·6	291·0	17th	299·2	*298·2*	-0·1	178	..
928	Barra do Corda	5 30	45 16	81·0	1003·0	1012·4	- 0·1	305·9	307·3	30th	2 8·9	286·3	17th	297·4	*296·3*	-0·7	0	..
929	Quixeramobim	5 16	39 15	207	992·2	1015·6	+ 1·2	302·7	304·1	18th	295·4	292·8	15th	299·0	*299·2*	-0·2	42	..
930	Fernando Noronha	3 50	32 25	106	1003·4	1015·4	+ 0·7	300·5	302·6	25th	295·4	294·0	14th	298·0	*298·1*	+0·1	129	..
930a	5°-10°S. 35°-30°W.	††7 23	††33 15	§(44)	..	1015·9	..	..	..	Sea Temp. 299·7	+0·7	..	..	..	299·0	..	..	..
930b	0°-5°S. 35°-30°W.	††3 0	††31 58	§(27)	..	1014·7	..	..	..	299·2	+0·3	..	..	..	299·5	..	..	..
934	♯Ascension Island	7 55	W. 14 24	16·8	1015·4	1017·3	+ 0·6	301·1	302·4	8th	295·6	293·6	29th,30th	298·3	*297·6*	0·0	17	..
939	Loanda	8 49	E. 13 13	51	..	1016·2	+ 0·5	296·0	297·8	3rd,14th	290·8	289·0	24th	293·4	292·9	+0·1	0	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	71280	..	..	..	301·8	303·0	sev. dates	286·9	281·9	14th,16th	294·3	*293·4*	+1·3	5	..
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	*296·3*	*300·8*	5th	*280·2*	*278·6*	1st,26th	288·3	..	..	2	..
944a	Zanzibar	6 10	39 11	17·1	1017·5	1019·5	+ 0·9	299·5	300·6	1,3,5	295·4	293·7	10th	297·5	*296·8*	-0·3	24	..
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	301·9	26th	..	..	..	..	..	..	89	..
947	Seychelles, Port Office	4 37	55 27	4·6	1012·7	1013·3	- 0·3	300·7	302·2	11th	296·4	294·7	18th	298·6	*297·8*	+0·2	50	..
957	Padang	0 56	100 22	6·7	..	1011·2	+ 0·8	303·6	306·3	28th	296·3	294·8	26th	299·9	299·4	+0·1	123	..
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	+ 0·2	303·8	305·0	29th	298·3	294·8	19th	300·0	299·7	+0·8	64	..
958a	♯Pontianak	0 1	109 20	2·6	..	1009·0	- 0·6	305·5	307·7	28th	297·1	295·1	13th	301·3	300·5	+0·6	190	..
959	Pasuruan	7 38	112 55	5·0	..	1010·7	0·0	304·1	305·3	22nd	294·9	292·3	5th	299·5	299·5	+0·8	0	..
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	36	..
962	♯Amboina	3 42	128 10	4·2	..	1009·8	- 0·7	299·5	301·8	3rd	295·9	293·8	31st	297·7	297·5	-0·3	1726	..
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	62	..
965	♯Daru	9 4	143 13	7·6	..	1009·9	- 1·5	300·7	..	..	296·4	..	..	..	..	..	344	..
966	♯Port Moresby	9 29	147 9	38·4	..	1009·3	- 2·2	300·3	..	..	297·2	..	..	298·6	*298·2*	+0·4	198	..
967	Rabaul	4 9	152 12	12·5	..	1008·7	- 0·4	305·6	306·8	7th	296·0	294·7	18th	300·8	*300·2*	+0·8	176	..
969	♯Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	*303·0*	*304·5*	30th	297·9	296·6	25th	300·4	*300·2*	+0·3	192	..
970	Ocean Island	0 52	169 35	39·6	1005·4	1010·1	+ 0·1	304·8	306·3	17th	298·4	296·9	20,21,22	301·6	*301·0*	+0·8	158	..
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 111,112 and

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

JULY - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	♯Apia, Samoa	13 48	171 46	2	..	1011·5	- 0·3	302·2	303·4	19th	296·7	294·5	26th	299·5	299·4	+0·8	85	+ 9
1003	♯Alofi, Niue Island	19 2	169 55	27·4	..	1015·8	- 0·4	300·6	303·0	3,4,5	292·4	286·9	24th	296·5	*296·3*	+0·4	25	-54
1022	Tacna	18 0	70 18	560	..	..	..	294·5	297·0	30th	281·8	279·0	12th	288·1	*287·0*	+0·7	0	- 3
1025	Corumba	18 59	57 39	116	1003·9	1017·4	+ 2·4	299·5	305·8	22nd	286·9	278·8	9th	293·2	*293·2*	-1·3	15	+ 1
1026	Cuyaba	15 36	56 6	165	997·5	1016·7	+ 2·5	303·9	308·5	23rd	286·4	282·2	10th	295·2	*293·7*	-2·2	0	- 6
1027	Bello Horizonte	19 55	43 57	895	920·6	1021·2	+ 2·2	297·0	299·8	30th	284·2	279·4	17th	290·6	*289·6*	-0·1	0	-10
1028	Caetite	14 3	42 37	897	920·3	1020·4	+ 1·6	296·8	299·8	25th	286·2	282·2	15th	291·5	*291·4*	-1·0	1	- 9
1029	Ondina (Bahia)	13 0	38 31	46·6	1013·6	1019·1	+ 1·2	298·2	300·3	1st,5th	293·8	292·0	17th	296·0	*295·8*	-0·8	215	+25
1030	Aracaju	10 55	37 3	6·1	..	..	..	299·2	300·5	1st	293·8	290·4	15th	296·5	*296·4*	..	209	..
1030a	15°-20°S. 40°-35°W.	††17 19	††37 53	§(56)	..	1020·6	..	..	..	Sea Temp. 296·8	-0·3	..	..	..	296·5	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 31	††36 17	§(41)	..	1018·8	..	..	..	298·9	+1·1	..	..	..	297·9	..	..	..
1035	St. Helena	15 57	W. 5 40	579	950·8	1018·2	+ 2·1	289·2	290·2	sev. dates	285·9	284·1	24th,26th	287·5	*287·8*	-0·2	95	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	912·8	1022·0	..	297·9	302·1	25th	280·3	275·9	15th	289·1	..	..	0	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	299·0	302·8	6th	..	..	..	..	..	..	..	..
1042	Gwelo	19 26	30 2	1411	..	..	..	294·8	299·7	1st	277·6	271·9	14th	286·2	..	+0·1	2	+ 1
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	858·9	1022·7	+ 0·9	294·3	297·7	28th	279·3	273·1	15th	286·8	285·8	+0·4	0	- 1
1044	♯Zomba	15 23	35 18	955	914·0	1021·7	+ 2·2	294·6	298·0	5th,28th	283·2	279·1	15th,16th	288·9	*289·0*	-0·8	1	- 8
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antenanarivo	18 55	47 33	1375	869·8	1022·1	+ 1·0	291·9	295·1	29th	280·9	278·5	13th	286·4	285·9	-0·4	1	- 5
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1013·2	1013·8	- 0·4	301·0	303·0	30th	297·6	295·8	27th	299·3	*299·0*	+0·3	523	+272
1057	Christmas Island	10 25	105 43	5·5	1008·6	1009·3	- 0·3	302·8	304·1	30th	296·0	293·6	17th	299·4	*298·8*	-0·1	117	0
1061	Kupang	10 10	123 34	45·1	..	1012·3	+ 0·4	304·6	306·6	5th	293·4	291·3	15th	299·0	298·5	+0·3	0	- 5
1061a	Derby	17 18	123 40	16·2	1013·9	1015·7	+ 0·5	302·2	305·8	18th	285·8	281·1	25th	294·0	..	-1·1	0	- 5
1063	Hall's Creek	18 13	127 46	373	974·0	1016·6	- 0·3	299·5	304·7	31st	278·9	271·9	26th	289·2	*288·5*	-1·7	0	- 5
1064	Darwin	12 28	130 51	29·6	1009·0	1012·4	- 0·2	303·9	306·3	18th	293·0	289·3	29th	298·4	*297·2*	+0·2	0	- 2
1065	Daly Waters	16 16	133 23	211	989·7	1013·8	- 1·1	302·2	306·9	31st	284·2	275·2	26th	293·2	*292·5*	-0·4	0	- 2
1066	♯Wein	13 13	142 47	122	997·5	1011·6	- 0·5	300·8	303·8	15th	291·9	283·9	31st	296·3	*295·7*	0·0	4	+ 1
1066a	♯Georgetown, Queensland	18 22	143 32	302	980·9	1015·7	- 0·1	299·9	303·6	30th	288·6	283·0	25th,27th	294·2	..	+1·1	47	+40
1067	Willis Island	16 18	149 59	8·5	1012·2	1013·3	..	298·4	300·6	8th	295·2	293·6	24th	296·8	*297·1*	..	83	..
1072	Samarai	10 37	150 40	6·1	..	1011·3	- 0·5	300·4	..	..	296·5	..	..	298·4	*298·2*	+0·2	387	+172
	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·9	1013·7	- 0·2	299·9	304·1	29th	294·1	290·2	13th,24th	297·0	*296·8*	+1·0	88	-37

JULY - ZONE 11 (AMERICA, AFRICA).

BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	298·6	301·1	7th	291·5	286·3	26,27,28	295·0	*294·8*	+0·5	136	+24
1121	♯Punta Tortuga, Coquimbo	29 56	71 21	27	1015·2	1018·5	+ 0·8	288·6	291·8	24th	283·3	281·2	10th	285·9	*285·6*	+0·8	15	-13
1122	Iquique	20 12	70 11	9	1016·2	1017·3	+ 0·8	290·2	291·6	16th	281·9	280·2	1st	286·1	*287·8*	-1·1	0	- 1
1123	♯Catamarca	28 27	65 47	510	957·0	1016·8	+ 0·4	293·7	306·9	21st	276·8	270·4	8th	285·3	*284·7*	-0·2	5	+ 1
1124	Salta	24 46	65 28	1182	884·2	1016·9	+ 1·3	293·5	306·2	21st	275·9	266·0	9th	284·7	*284·6*	-0·3	1	0
1125	Goya	29 9	59 15	26	*1015·0*	1018·1	+ 2·4	*295·3*	*302·7*	29th	282·1	273·0	9th	288·7	*288·3*	+1·2	25	-19
1126	Asuncion	25 17	57 41	93	1009·9	1020·8	+ 4·4	297·4	304·8	31st	285·6	274·2	9th	291·5	*290·9*	-0·5	11	-49
1127	Curityba	25 25	49 17	908	920·0	1023·9	+ 2·5	292·2	297·1	23rd	279·2	271·8	9th	285·7	*284·7*	-0·5	31	-34
1128	Rio de Janeiro	22 54	43 10	18·3	1021·4	1023·6	+ 3·6	296·5	302·1	22nd	289·0	286·0	11th	292·8	292·3	-0·7	13	-30
1128a	25°-30°S. 50°-45°W.	††27 46	††47 52	§(66-68)	..	1022·3	..	..	..	Sea Temp. 290·4	-1·5	..	..	..	290·9	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 37	††41 47	§(36)	..	1022·2	..	..	..	294·6	+0·1	..	..	..	295·3	..	..	..
1139	Windhoek	22 34	W. 17 5	*1869*	*839·5*	*1020·7*	..	*292·8*	*296·3*	2nd	279·9	275·1	27th	286·4	*285·5*	+0·2	0	- 1
1141	O'Okiep	29 36	17 52	*933*	*916·5*	*1023·3*	+ 1·2	291·7	297·4	22nd	279·9	274·0	16th	285·8	*285·0*	+1·0	3	-17
1141a	Kimberley	28 42	24 47	1202	890·1	1026·3	+ 2·0	292·8	298·0	1st	276·6	269·7	16th	284·7	284·1	+1·5	11	+ 4
1142	Johannesburg	26 11	28 4	1806	829·7	1027·1	+ 1·6	289·3	296·6	2nd	277·5	273·3	18th	283·4	*282·9*	+0·2	45	+37
1143	♯Bulawayo	20 9	28 35	1349	874·4	1024·3	+ 0·6	293·1	296·7	1st	279·9	272·6	14th	286·5	*286·1*	-0·3	0	- 1
1144	Durban	29 52	31 3	15·2	1024·4	1026·2	+ 2·3	294·4	297·6	4th	287·0	284·2	12th	290·7	*290·2*	+0·4	73	+42
1147	Lourenço Marques	25 58	32 36	59	..	1025·8	+ 3·0	297·4	302·7	1st	286·6	282·4	14th	292·0	291·4	+0·3	43	+29
	Mauritius	20 6 S.	57 33 E.	*55·2*	1015·1	*1021·6*	+ 1·2	295·8	297·1	14th	288·9	286·0	6th	292·3	292·1	-0·8	53	-10

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 113 and 114.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	
1159	Onslow	21 43 S.	114 57 E.	4·3	1015·5	1015·9	- 0·5	297·0	300·9	1st	285·4	278·8	24th	291·2	..	+0·3	57	
1160	Cue	27 27	117 52	454	965·8	1019·9	+ 0·8	290·2	292·6	10th	280·1	275·6	14th	285·1	..	-0·5	25	
1161	Nullagine	21 53	120 5	386	973·9	1018·4	+ 0·7	296·3	302·1	1st	279·6	271·2	25th	287·9	..	-0·5	0	
1162	Laverton	28 40	122 23	466	965·9	1020·1	- 0·4	289·4	293·6	11th	278·7	272·4	23rd	284·0	*283·9*	-0·3	17	
1163	Alice Springs	23 38	133 37	587	951·1	1018·5	- 0·5	293·1	301·3	29th,30th	276·9	270·2	25th	285·0	*284·7*	+0·6	0	
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	
1164a	∮Boulia	22 55	139 38	146	999·2	1016·5	- 1·0	296·0	305·4	30th	280·4	276·9	30th	288·2	*287·9*	+0·8	0	
1165	∮Thargomindah	27 58	143 43	123	1003·0	1017·7	- 1·7	292·5	299·8	15th	277·6	271·9	27th	285·1	*284·8*	-0·2	0	
1166	∮Mitchell	26 32	147 52	336	978·8	1017·9	- 1·3	293·0	302·6	31st	273·6	266·6	29th	283·3	..	-0·8	2	
1167	∮Rockhampton	23 24	150 30	11·3	1015·5	1017·0	- 1·1	295·8	301·1	31st	282·5	275·7	29th	289·2	..	-0·4	58	
1168	∮Brisbane	27 28	153 2	41·8	1012·0	1016·5	- 1·8	294·3	298·8	12th	281·6	276·8	11th	288·0	*287·2*	+0·3	13	
1170	∮Norfolk Island	29 4 S.	167 59 E.	15·2	1013·9	1015·9	- 1·2	292·3	295·2	10th	287·3	283·6	4th,7th	289·8	*289·4*	+0·5	162	

JULY - ZONE 12. BETWEEN LATITUDE 30° S. AND 40°

1221	Juan Fernandez	S. 33 37	W. 78 50	345	975·9	1017·1	..	285·3	287·6	28th	280·8	278·4	4th	283·1	*282·9*	..	297	
1221a	Punta Tumbes	36 37	73 6	120	1002·0	1016·6	- 0·6	286·1	292·8	30th	279·9	275·4	3rd	283·0	*282·7*	-0·2	245	
1222	∮Punta Angeles, Valparaiso	33 1	71 36	41	1013·8	1018·8	+ 1·0	288·6	294·5	24th	282·5	278·9	6th	285·5	*285·1*	+0·3	99	
1222a	Santiago	33 27	70 42	520	957·0	1018·9	+ 0·4	287·8	296·8	25th	276·1	272·0	7th	281·9	*280·9*	+0·1	111	
1223	Cordoba	31 25	64 12	423	967·9	1018·0	+ 1·0	293·0	302·6	28th	276·0	267·4	8th	284·5	283·9	+0·7	13	
1224	Bahia Blanca	38 45	62 15	25	1015·6	1018·7	+ 2·2	287·4	293·8	31st	276·9	267·7	4th	282·1	*282·0*	+0·9	26	
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1017·0	1020·0	+ 1·3	288·1	296·3	20th	280·2	272·6	9th	284·1	283·7	+1·3	56	
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	..	..	..	295·7	28th	..	275·4	24th	..	*284·4*	+0·1	97	
1226a	Porto Alegre	30 2	51 13	23·5	1019·5	1022·3	+ 2·5	293·1	303·3	22nd	281·7	275·3	25th	287·4	286·8	+0·3	58	
1226b	30°-35°S. 55°-50°W.	††32 45	††51 35 W.	§(56-59)	..	1021·0	..	..	..	Sea Temp. 286·8 | -0·1	..	..	..	..	286·5	..	..		
1239	Cape Town	33 56	E. 18 29	12·2	1022·2	1023·7	+ 2·6	290·8	302·7	30th	282·3	276·5	24th	286·6	*285·3*	+1·0	44	
1240	Danger Point	34 37	19 18	27·7	1016·0	1019·3	- 0·9	290·1	295·8	31st	284·3	279·7	16th	287·2	..	+1·1	19	
1241	Riversdale	34 6	21 16	61·0	..	..	..	293·1	302·2	21st	277·6	272·2	16th	285·3	..	+0·2	9	
1242	East London	33 2	27 55	44·8	1018·9	1024·3	+ 3·3	294·4	303·0	13th,19th	283·1	276·9	16th	288·7	..	+0·6	11	
1259	Perth (Observatory)	31 57	115 51	60·0	1011·3	1018·6	- 0·3	289·5	292·5	9th	281·7	276·4	16th	285·6	*285·7*	-0·3	158	
1260	Katanning	33 42	117 35	310	980·3	1017·7	- 0·2	287·0	289·8	9th	278·6	271·8	22nd	282·8	..	0·0	58	
1261	Coolgardie	30 57	121 10	423	969·7	1019·5	0·0	287·9	292·7	10th	278·7	273·7	23rd	283·3	*283·2*	-0·4	33	
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
1263	Streaky Bay	32 48	134 13	13·1	1016·6	1018·0	- 1·9	288·8	293·6	14th	281·6	277·4	27th	285·2	*285·0*	+0·5	61	
1264	Adelaide	34 56	138 35	42·7	1012·0	1017·2	- 3·0	288·2	292·6	5th	280·2	275·7	22nd	284·2	*284·1*	+0·2	69	
1265	Melbourne	37 49	144 58	35·1	1010·9	1014·8	- 4·1	286·1	288·7	1st	279·4	274·2	26th	282·7	*282·5*	+0·4	72	
1266	Bourke	30 13	145 58	110	1007·6	1020·7	- 0·7	290·8	297·4	6th	276·3	270·8	27th	283·6	..	-0·5	1	
1267	Sydney	33 51	151 13	42·1	1009·0	1014·2	- 4·0	290·5	295·7	6th	280·0	277·2	21st	285·2	*284·3*	+0·7	8	
1268	∮Lord Howe Island	31 20	159 0	4·6	1013·2	1013·8	- 3·1	292·4	295·5	8th	286·0	282·4	28th	289·2	..	+0·3	197	
1271	Auckland	36 50	174 50	38·1	..	1010·0	- 4·5	288·9	290·2	28th	281·7	276·9	15th	284·3	..	+0·4	215	
1272	Napier	39 29	176 55	1·5	..	..	..	286·4	291·9	18th	278·0	271·1	16th	282·2	..	-0·2	131	

JULY - ZONE 13. BETWEEN LATITUDE 40° S. AND 50°

1301	Chatham Island	S. 43 57	W. 176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	
1321	Isla Guafo	43 34	74 45	140	997·9	1015·0	+ 0·7	282·8	285·1	8th	277·5	274·5	3rd	280·1	*280·7*	0·0	71	
1322	Punta Galera	40 1	73 44	40	1010·7	1015·6	+ 0·1	284·1	286·2	31st	279·5	275·0	4th	281·8	*282·2*	0·0	287	
1323	∮Sarmiento	45 34	69 0	272	981·2	1014·8	+ 1·6	280·3	286·2	28th	269·9	262·9	8th	275·1	*274·9*	-1·1	3	
1324	∮Puerto Madryn	42 49	W. 64 58	14	1014·0	1015·7	+ 2·0	285·5	292·2	30th	273·7	265·3	8th	279·6	*279·8*	-0·3	2	
1365	Launceston	41 27	E.147 10	10·1	1009·6	1010·8	- 3·9	284·9	288·0	1st	277·3	271·3	30th	281·1	*280·7*	+0·9	64	
1366	Hobart	42 53	147 20	53·9	1003·9	1010·6	- 2·9	283·9	287·8	10th	278·2	272·9	14th	281·0	*280·6*	+0·4	58	
1370	Invercargill	46 25	168 21	3·7	..	..	..	282·4	285·8	21st,31st	274·7	268·6	1st	278·5	..	+0·1	73	
1371	Dunedin	45 52	170 31	6·1	..	1010·0	- 4·0	282·9	287·4	4,8,18	275·9	272·4	2,13,23	279·4	..	+0·6	191	
1371a	Christchurch	43 31	172 39	7·6	..	1010·1	- 2·7	282·7	289·0	6th	274·4	271·2	15th	278·5	..	-0·4	62	
1372	Wellington	41 16	174 46	3·0	..	1009·9	- 3·4	285·2	288·5	8th	279·1	273·1	16th,21st	282·1	..	+0·2	88	

JULY - ZONE 14. BETWEEN LATITUDE 50° S. AND 60°

1421	Islota de los Evangelistas	S. 52 24	W. 75 6	55	999·8	1006·6	+ 4·7	278·5	280·8	5th,8th	275·3	269·9	2nd	276·9	*277·4*	+0·5	141	
1422	Puerto de Punta Arenas	53 10	70 54	28	1001·6	1005·1	+ 1·9	277·1	280·4	31st	273·6	270·5	24th	275·3	*275·6*	+1·1	13	
1423	∮Punta Dungeness	52 24	68 26	5	1003·6	1004·2	+ 1·2	277·0	278·8	13th	272·8	268·7	7th	274·9	*275·6*	+0·1	0	
1424	Santa Cruz	50 1	68 31	12	1006·7	1008·2	+ 1·6	279·0	284·0	12th	269·4	263·2	9th,10th	274·2	*274·3*	-0·4	3	
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1000·9	- 2·9	278·1	280·2	22nd	272·2	268·6	4,5,7	275·1	..	+0·1	28	
1426	Cape Pembroke	51 41	57 42	21·3	999·7	1002·3	- 0·7	278·3	280·2	sev. dates	273·2	270·8	3rd,4th	275·8	276·1	+0·5	..	
1429	∮S. Georgia (Cumberland Bay)	54 14	36 33	4	993·4	993·9	- 3·9	275·2	282·9	21st	269·0	265·1	5th	272·1	*271·9*	+0·7	161	

JULY - ZONE 15. BETWEEN LATITUDE 60° S. AND 70°

1527	South Orkneys	S. 60 44	W. 44 39	7	988·4	989·2	- 5·3	266·3	278·4	7th	255·6	238·5	25th	260·9	261·8	-0·5	23	
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, AUGUST 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST, 1927

BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. AUGUST - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	
101	Wrangell Island	N.	W.															
105	∮Barrow	70 50	178 3	? 2	1013·2	1013·4	..	280·2	289·1	20th	273·4	269·3	28th	276·8	..	..	17	..
125	Upernivik	71 23	156 17	7·0	..	1013·9	..	279·0	289·7	18th	272·8	270·2	27th	275·9	..	-1·1	12	- 9
131	Myggbukta	72 47	56 7	19·2	1011·2	1013·5	+ 2·3	283·4	290·0	1st	276·2	272·2	1st	279·8	*280·1*	+2·2	3	-25
132	Scoresbysund	73 30	21 30	3·2	..	1015·7	..	..	293·1	11th	..	272·5	22nd,26th	..	*277·8*	..	..	..
135	∮Jan Mayen	70 29	21 58	16·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
139		70 59	W. 8 18	23·1	1007·3	1010·1	- 1·7	..	284·0	1st	276·9	273·9	31st	..	*279·0*	+0·3	42	+16
140	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1011·9	1013·2	+ 1·0	..	284·3	12th	276·9	274·0	16th	..	278·5	+1·0	24	+ 2
141	Björnöen	74 28	19 17	40·5	1007·3	1012·3	+ 0·5	..	284·6	28th	275·7	271·6	16th	..	*277·9*	+0·5	39	+12
142	Ingöy	71 4	24 6	7·5	1010·6	1011·5	+ 0·8	..	291·6	3rd	281·8	278·1	18th	..	*283·8*	+1·1	40	- 1
143	Mehavn	71 1	27 47	10·2	1012·2	1013·4	+ 2·9	..	298·9	3rd	281·5	276·6	11th	..	*284·0*	+1·3	52	0
147	Vardö	70 22	31 6	11·8	1012·1	1013·5	+ 2·1	..	297·8	3rd	280·9	277·9	28th	..	*283·1*	+1·3	31	-18
148	Malye Karmakouly	72 23	52 43	15·3	1011·2	1013·0	+ 0·7	282·4	286·8	24th	278·6	274·8	15th	280·5	*280·1*	+1·1	37	- 5
	Walgatz	70 24	58 47	11·2	1010·8	1012·1	..	283·4	289·7	23rd	278·4	273·7	2nd	280·9	*281·0*	+3·9	24	- 6
153	Dickson	73 31	80 23	13·0	1010·0	1011·6	+ 2·7	..	..	..	274·3	270·2	22nd	..	*276·2*	-1·7	45	+ 8
162	Bouloune	70 45	127 47	35	1005·5	1009·8	..	..	..	..	277·3	272·7	20th	..	*280·9*	-0·7	56	..

BETWEEN LATITUDE 70° N. AND 60° N. AUGUST - ZONE 2.

201	Preobrajenye	N.	W.															
203	Nome	64 52	175 18	? 31	..	..	..	..	..	..	..	..	..	..	..	..	..	
204	Candle	64 30	165 24	6·7	1008·1	1008·8	+ 0·5	287·6	294·7	5th	279·7	270·2	29th	283·7	*283·9*	+0·8	64	-16
204a	Bethel	65 55	161 57	2·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
205	Tanana	60 45	161 47	11·6	..	..	..	287·6	291·9	5th	280·2	271·9	30th	283·9	..	..	..	..
206	Rampart	65 10	152 6	69·5	1003·7	1011·5	+ 1·1	290·7	297·4	5th	279·6	271·9	30th	285·1	*285·4*	+0·1	79	..
207		65 30	150 15	114	..	..	..	290·4	296·9	7th	278·7	272·4	30th	284·6	..	-1·5	68	+14
208	Valdez																54	+17
209	Eagle	61 7	146 16	122	..	..	..	286·8	294·1	27th	280·5	276·3	31st	283·7	..	..	..	..
210	Dawson	64 46	141 12	248	979·9	1010·1	- 0·2	294·1	302·4	20th	279·6	271·9	31st	286·8	*287·1*	+2·0	62	+13
210a	Carcross	64 4	139 29	324	972·9	1011·0	+ 0·4	294·1	301·3	5th,6th	279·7	269·7	30th	286·9	*286·6*	+1·5	71	+35
211	Mayo Landing	60 11	134 34	662	..	..	..	292·3	295·2	19th	279·9	276·9	30th,31st	286·1	..	+2·4	13	- 8
212	Fort Good Hope	63 35	135 51	? 379	952·9	1020·6	..	294·7	303·0	1st	278·6	271·3	26th,27th	286·6	*286·3*	..	56	..
	∮Fort Simpson	66 25	128 53	65·2	1005·7	1013·6	+ 1·2	291·9	303·0	2nd	279·1	271·3	28th	285·5	..	+0·9	60	+42
213	Hay River	61 52	121 35	129	994·2	1009·5	- 1·6	295·8	303·0	22nd	282·4	275·2	20th	289·1	..	+2·3	13	-24
225	Jacobshavn	60 51	115 20	161	991·7	1010·7	+ 0·9	294·7	305·2	21st	283·0	274·7	7th	288·8	..	+2·0	17	-27
226	Godthaab	69 13	51 2	31·6	1006·6	1010·5	+ 0·1	283·9	289·9	4th	277·6	274·1	29th	280·7	*280·6*	+1·0	11	-25
227	Ivigtut	64 11	51 43	20·4	..	..	..	..	285·0	29l·2	4th	277·7	274·8	30th	281·3	*280·2*	+1·0	53	-26
229	Angmagsalik	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
231		65 37	37 33	29·3	1007·9	1011·5	- 0·7	285·1	292·3	2nd	276·4	272·6	23rd	280·7	*280·3*	+1·4	20	-40
232	Stykkisholm	65 5	22 46	25	..	1008·3	- 1·5	287·6	293·3	2nd	279·8	276·3	22nd	283·7	*283·1*	+0·9	36	- 5
233	Vestmanno	63 24	20 17	132	..	1007·6	- 1·4	287·0	292·6	7th	281·0	276·5	28th	284·0	*283·3*	+0·8	82	+ 4
234	Grimsey	66 33	18 1	22·0	..	1008·6	- 2·1	283·7	289·6	3rd	279·2	274·6	28th	281·5	*281·0*	+1·2	41	+ 9
235	Teigarhorn	64 41	14 22	18·0	..	1008·3	- 1·2	287·6	293·6	4th	280·1	275·3	29th	283·9	*283·1*	+1·7	77	- 3
236	Höjvig	62 3	6 45	22·9	1005·0	1007·8	- 2·1	286·0	289·5	4th	281·8	279·0	14th	283·9	*284·0*	+0·4	89	- 3
	Lerwick	60 8	W. 1 11	18·0	..	1008·2	- 1·6	288·5	291·3	7th	284·1	280·8	21,24,25	286·3	*286·4*	+1·7	32	-44
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1004·4	1009·7	- 0·3	292·0	299·7	7th	285·9	280·8	28th	288·9	*288·5*	+1·9	127	-32
238	Aalesund	62 28	6 10	6·3	1009·0	1009·8	- 0·6	..	295·5	8th	286·3	282·6	26th	..	*288·2*	+2·4	60	-52
240	Trondhjem	63 26	10 25	59·2	1002·8	1009·8	+ 0·4	293·0	300·0	7th	284·4	277·5	26th	288·7	*288·5*	+2·5	67	- 9
241	Bodö	67 17	14 24	22·3	1008·0	1010·7	+ 0·8	..	297·0	2nd	285·1	281·3	25th	..	*287·8*	+2·7	52	-25
242	Haparanda	65 50	24 9	9·2	1010·3	1011·4	+ 1·2	292·1	301·0	5th	284·0	277·5	27th	288·1	*288·0*	+2·2	55	+ 1
242a	Helsingfors	60 10	24 57	11·7	1010·3	1011·7	+ 1·5	295·3	300·6	8th	288·2	283·2	31st	291·7	*291·3*	+3·0	99	+25
	Kuopio	62 55	27 40	233	984·7	1012·0	+ 1·8	293·3	300·0	7th	286·1	281·0	27th	289·7	*289·5*	+2·7	126	+53
243	Kola	68 53	33 0	6·7	1012·6	1013·4	+ 2·9	289·0	299·2	3rd	280·8	273·8	27th	284·9	*284·9*	+1·1	33	-11
244	Petrozavodsk	61 47	34 23	79·0	1003·8	1013·1	+ 1·5	294·9	301·6	..	285·9	282·0	26th	290·4	*290·5*	+3·5	46	-36
245	Arkhangelsk	64 34	40 31	6·3	1012·6	1013·4	+ 2·4	294·3	299·9	19th	284·8	276·2	28th	289·6	*289·0*	+2·5	42	-20
246	Mezen	65 50	44 16	14·9	1011·9	1013·7	+ 3·5	291·8	298·9	9th	281·0	274·3	28th	286·4	*286·5*	+2·3	32	-19
247	Oust-Tsylma	65 25	52 18	68	1004·8	1013·0	+ 2·3	290·6	298·3	18th,19th	282·0	277·1	31st	286·3	*285·8*	+1·4	41	-19
248	∮Cherdyn	60 24	56 31	?208	989·1	1013·8	+ 3·2	293·0	300·1	11th	283·5	276·6	29th	288·2	*287·6*	+0·7	37	-34
249	Berezov	63 56	65 4	46	1007·6	1013·1	+ 3·5	291·0	298·7	20th	281·0	275·8	12th,13th	286·0	*286·5*	+0·7	14	-46
250	Obdorsk	66 31	66 36	35·2	1009·6	1013·9	+ 2·9	288·2	294·7	23rd	281·4	278·0	15th	284·8	*284·5*	+0·5	37	-14
251	New Port	67 42	72 57	3·3	..	..	..	286·3	289·9	2nd	279·6	272·5	15th	283·0	*283·3*	..	72	..
252	Sourgout	61 15	73 24	40	1005·2	1010·0	+ 1·5	..	..	..	..	..	..	..	..	..	..	..
253	Boudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	*287·1*	+0·3	47	-35
254	Touroukhensk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	986·2	1005·8	..	291·0	297·0	11th	282·1	276·1	1st	286·6	*286·6*	..	46	..
265																	..	..
271	Naiakhan	61 55	158 59	29·0	1006·7	1010·2	..	288·7	296·0	10th	281·3	275·1	27th	285·0	*285·6*	..	60	..
	Novo Mariinskii Post	64 45	177 33	? 17	..	..	..	..	292·0	16th,25th	..	273·7	29th	..	*284·7*	+1·8	11	-27
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 105 and 106.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
302	St. Paul Island	57 15	170 10	12·2	..	1008·4	+ 0·3	282·9	285·2	11th	279·3	277·4	30th	281·1	..	0·0	38	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1006·1	1006·4	- 3·1	288·9	294·1	3rd	279·8	275·8	19th	284·3	*283·9*	+0·5	32	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	♂Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
306	♂Kodiak (Radio)	57 47	152 22	4·6	1010·7	1011·5	+ 0·6	292·5	298·0	19,23,25	279·3	274·7	4th	285·9	..	+0·3	115	..
								288·1	291·9	25th	281·3	278·6	10th,25th	284·7	*284·5*	-0·5	99	..
309	Sitka	57 3	135 19	19·8	..	..	..	292·6	295·8	15,18,22	284·4	281·3	27th	288·5	..	+2·4	80	..
310	Prince Rupert	54 18	130 18	51·8	1010·4	1016·6	- 0·6	293·0	299·1	18th	283·0	279·1	28th	288·0	*287·7*	+1·2	104	..
311	Barkerville	53 2	121 35	1274	871·2	1012·3	- 0·4	293·0	299·1	3rd	279·7	274·1	28th	286·3	*285·8*	+1·4	51	..
312	Kamloops	50 41	120 29	385	971·0	1015·1	- 1·0	301·5	307·4	2nd,3rd	286·6	283·4	30th	294·1	*294·1*	+1·1	44	..
313	Calgary	51 2	114 2	1045	896·9	1013·7	+ 2·5	295·2	302·4	4th	281·9	277·4	31st	288·6	*287·9*	+0·4	71	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	295·2	301·9	12th	?283·4	?273·0	6th,7th	?289·3	*289·9*	+3·1	19	..
315	Prince Albert	53 10	105 38	442	963·1	1014·4	+ 3·0	296·3	303·0	13th	281·9	275·8	8th	289·1	*288·3*	+0·8	34	..
316	Qu'Appelle	50 30	103 47	645	939·5	1013·4	+ 2·0	296·9	303·6	13th	281·9	274·7	1st	289·4	*288·5*	0·0	46	..
317	Minnedosa	50 15	99 50	515	955·1	1014·6	+ 1·9	294·8	302·6	14th	282·3	273·3	23rd	288·6	*288·3*	-0·3	109	..
318	Berens River	52 18	97 23	216	..	..	..	294·3	300·8	14th	..	..	..	..	..	..	58	..
318a	Port Nelson	57 0	92 51	14·9	1011·8	1013·6	+ 3·0	288·6	301·9	25th,26th	279·7	272·4	3rd	284·1	..	-0·8	20	..
319	Pagwa	50 3	85 18	189	..	..	..	294·9	300·8	1st	278·2	273·0	20,24,27	286·6	..	-2·0	60	..
320	Moose Factory	51 14	80 30	9·1	1012·3	1013·4	+ 1·4	290·8	298·6	20th	280·2	276·3	10th	285·5	..	-2·3	60	..
321	Fort George	53 50	79 5	975	..	..	..	287·4	296·3	28th	278·4	273·6	8th	282·9	..	-1·5	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	288·3	294·7	29th	..	..	..	..	..	..	99	..
324	Natashquan	50 8	61 48	6·1	..	..	..	292·9	296·3	24th	282·8	277·4	26th	287·9	..	+1·6	166	..
326	Belle Isle	51 53	55 23	130	998·6	1014·6	+ 2·8	285·8	290·8	8th	280·8	276·9	25th	283·3	*283·1*	-0·4	96	..
										Sea Temp.								
331	55°-50° N. 30°-25° W.	††53 30	††27 32	§ (26)	..	1012·7	..	..	..	286·0 1-1	..	..	..	286·5	..	..	..	..
333	53°-48° N. 20°-15° W.	††50 24	††17 6	§ (32)	..	1014·5	..	..	..	288·0 1-3	..	..	..	288·6	..	..	..	..
333a	62°-57° N. 20°-15° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1008·0	1009·6	- 4·6	290·2	292·9	8th	285·5	281·7	5th	287·9	287·9	-0·2	125	..
335	Aberdeen	57 10	W. 2 6	28·0	1005·9	1009·0	- 2·3	289·6	295·1	3rd	283·9	278·3	25th	286·7	286·9	+0·7	57	..
336	Greenwich	51 28	0 0	46·3	..	1012·1	- 2·9	295·1	298·6	3rd	285·1	281·3	25th,26th	290·1	289·2	-0·1	90	..
337	Uccle	50 48	E. 4 22	100	1001·8	1013·6	- 2·0	295·5	301·4	5th	285·9	280·1	25th	290·6	289·9	+0·4	108	..
338	De Bilt	52 6	5 11	3·0	1012·5	1012·9	- 2·1	294·6	301·2	7th	285·9	281·0	3rd	290·3	289·9	+0·2	118	..
338a	Hamburg	53 33	9 58	40·3	1008·8	1013·6	-·0·2	294·8	301·5	8th	286·5	283·6	18th,26th	290·7	*290·2*	+0·8	155	..
339	Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·5	1012·1	- 0·8	293·6	298·4	8th	287·1	282·5	25th	290·3	*290·4*	+2·4	223	..
340	Potsdam	52 23	13 4	849	1004·1	1014·1	- 0·6	295·2	303·8	8th	286·5	282·7	18th	290·9	290·3	+0·6	142	..
340a	Uppsala	59 51	17 38	24	1008·5	1011·3	+ 0·8	294·1	300·5	9th	285·2	279·2	31st	289·6	289·6	+1·9	81	..
341	Warsaw	52 13	21 3	89·9	1004·6	1015·2	+ 0·1	296·2	302·6	1st,2nd	286·7	282·9	29th	291·5	*291·3*	..	64	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1003·5	1013·0	+ 1·5	295·6	301·2	9th	286·5	280·4	31st	291·0	290·8	+2·6	92	..
343	Leningrad	59 56	30 16	8·6	1012·0	1013·0	+ 2·1	295·5	301·2	10th	287·8	284·4	31st	291·7	*291·4*	+2·8	101	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	995·9	1015·5	+ 3·1	297·2	301·4	20th,21st	285·8	282·8	6th,15th	291·5	*291·5*	+2·7	24	..
345	Saratov	51 32	46 2	127	999·5	1014·3	+ 2·6	299·9	305·5	28th	288·4	284·1	31st	294·1	*294·1*	+1·6	51	..
346	Kazan	55 47	49 8	79·9	1005·4	1014·3	+ 3·3	298·8	303·3	22nd	289·7	282·3	4th	292·7	*292·5*	+2·1	3	..
347	Orenburg	51 45	55 6	109	999·3	1012·6	+ 0·2	300·1	306·1	13th	287·5	283·0	10th	293·8	*293·8*	+1·1	29	..
348	Perm	58 1	56 16	163	994·6	1013·9	+ 3·1	294·9	301·5	11th	284·1	276·1	29th	289·5	*288·9*	+0·8	40	..
349	Sverdlovsk	56 50	60 38	281	979·1	1012·1	+ 2·4	292·4	299·9	13th	284·2	278·8	30th	288·3	*288·0*	+0·3	42	..
350	♂Tobolsk	58 12	68 14	108	998·7	1011·5	+ 1·5	..	..	..	284·2	278·1	31st	..	*288·3*	+0·2	79	..
351	♂Akmolinsk	51 12	71 23	353	968·0	1008·6	- 2·3	298·3	306·9	1st	284·4	278·2	28th	289·4	*291·3*	+0·3	19	..
352	♂Omsk	55 1	73 19	106	995·5	1008·2	- 1·0	295·3	303·0	1st	284·7	279·0	31st	290·0	*289·3*	-0·1	58	..
353	Barnaoul	53 20	83 48	158	989·3	1008·2	- 1·7	..	306·4	1st	283·1	276·0	24th	..	*290·1*	+0·3	24	..
354	Tomsk	56 30	84 58	122	994·7	1009·2	- 0·1	292·9	297·6	13th,14th	282·2	273·4	24th	287·6	*287·2*	-0·9	56	..
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1001·8	1006·8	- 1·4	293·2	301·4	4th	285·0	279·4	31st	289·1	*289·2*	+0·3	.101	..
366	Okhotsk	59 21	143 17	5·5	1009·2	1009·9	- 0·3	..	..	..	282·4	277·3	6th	..	*284·6*	-0·4	149	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1001·9	1012·4	+ 2·7	..	..	..	283·9	280·8	29th	..	*285·7*	+0·9	129	..
369	Kluchevskoye	56 21	160 48	? 30	1008·6	1012·1	..	..	..	..	283·9	277·5	30th	..	*287·3*	..	74	..
370	Nikolskoe	55 12	165 59	6·8	1013·1	1013·9	..	287·1	290·1	2nd	282·1	276·8	16th	284·6	..	..	55	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A	mm.	

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 107.
††Mean latitude and longitude of the observations. §Number of observations. ♂Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N.	° W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria,B.C.	48 24	123 19	70·1	1007·1	1015·5	- 1·4	292·9	302·6	15th,16th	284·4	282·3	28th	288·7	287·9	+0·3	12	- 4
412	Portland, Oregon	45 32	122 41	46·6	1010·5	1015·9	- 0·6	299·6	308·6	16th	287·7	282·4	12th	293·7	*293·4*	+1·6	9	- 7
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	297·0	303·6	5th	283·2	279·1	15th	290·1	*290·4*	+0·2	31	-10
414a	Salt Lake City	46 34	112 4	1253	875·8	1015·9	+ 0·9	296·6	303·0	6th	283·1	276·3	31st	289·9	*289·5*	-2·4	74	+56
415	Cheyenne	40 46	111 54	1329	867·9	1012·8	+ 0·5	301·8	306·9	1st	289·9	285·2	14th	295·9	*296·0*	-1·2	22	+ 1
416	North Platte	41 8	104 48	1856	817·2	1016·2	+ 0·6	295·7	300·8	25th	283·5	279·7	17th	289·6	*289·1*	-2·3	103	+65
416a	Bismarck	46 47	100 45	860	919·0	1016·6	+ 1·4	299·4	306·3	5th	287·3	280·2	19th	293·4	*293·5*	-2·0	87	+27
417	Winnipeg	49 53	97 7	232	988·1	1015·4	+ 2·3	296·7	304·3	5th	284·1	275·2	23rd	290·4	*289·9*	-0·3	72	+17
418	Duluth	46 47	92 6	345	976·8	1017·9	+ 3·0	294·2	299·7	5th	283·2	278·6	23rd	288·7	*288·3*	-1·4	66	-16
419	Port Arthur																	
420	Chicago	48 27	89 12	196	993·2	1016·4	+ 1·8	295·2	301·9	5th	282·4	276·9	23rd	288·3	*288·5*	+0·3	56	-16
421	Toronto	41 47	87 35	205	993·2	1017·6	+ 1·7	295·9	303·0	6th	288·6	285·3	19th	292·3	*291·9*	-3·4	81	+ 4
422	New York (Central Park)	43 40	79 24	116	1002·4	1016·1	+ 0·7	296·8	301·5	6th	285·7	282·1	24th	291·3	290·9	-1·3	37	-34
423	St. John, N.B.	40 47	73 58	47·4	1010·4	1016·0	- 0·6	297·3	301·3	1st	289·2	285·2	25th	293·3	293·0	-2·8	250	+137
424	S.W. Point, Anticosti	45 17	66 4	36·3	1010·7	1015·0	- 0·4	292·5	297·3	2nd	284·9	281·4	26th	288·7	288·1	-0·2	228	+130
424a	Sable Island (Main Station)	43 57	60 6	7·6	1017·5	1018·4	+ 1·7	293·0	298·8	1st	288·6	286·3	11th,18th	290·9	*290·8*	+0·7	11	-74
425	Fort aux Basques																	
428	St. John's, Newfoundland	47 35	59 10	9·1	1014·3	1015·9	+ 1·1	291·0	293·6	6th	285·2	281·1	26th	288·1	*288·0*	+0·8	87	-30
		47 34	52 42	**	?1008·8	?1017·5	+ 3·0	?291·8	?296·3	23rd	?284·6	?279·4	30th	?288·2	*?288·7*	-0·2	..	..
435	Madrid																	
436	Nantes	40 24	3 41	667	941·0	1015·9	+ 1·1	301·2	307·2	4th	288·3	283·6	19th	294·7	*294·1*	-1·9	7	0
		47, 15	W. 1 34	36·5	1010·7	1015·0	- 2·2	294·3	300·7	30th	286·3	279·9	28th	290·3	290·1	-0·4	87	+40
437	Paris (Parc St. Maur)																	
438	Marseille	48 49	E. 2 30	50·3	1009·3	1015·3	- 1·3	295·3	301·9	5th	286·2	281·8	28th	290·7	290·5	-0·2	78	+28
438a	Zürich	43 18	5 23	75	..	1015·3	- 0·1	301·1	305·1	2nd	288·8	283·5	27th	294·9	*294·6*	0·0	0	-21
439	Rome	47 23	8 33	493	960·2	1017·1	- 0·1	296·0	304·9	1st	285·3	279·8	28th	290·7	289·6	-0·8	202	+73
440	Vienna	41 54	12 27	45·5	1009·6	1014·8	- 0·3	305·2	308·3	9th	292·0	288·1	28th	298·6	*298·6*	+1·4	0	-26
440a	Budapest	48 15	16 22	203	991·6	1015·3	- 0·1	296·1	302·0	2nd	287·9	283·3	20th	292·0	291·9	-0·6	66	- 3
441	♂Sofia	47 31	19 1	130	999·2	1014·4	- 0·7	301·1	307·6	3rd	288·9	285·1	22nd	295·0	294·5	+0·8	107	+58
442	Bucharest	42 42	23 20	550	951·2	1012·9	- 1·8	302·9	307·0	13th,16th	288·5	282·5	30th	295·7	*295·6*	+2·3	78	+24
		44 25	26 6	82	1002·9	1012·3	- 1·6	304·3	308·5	10th	290·4	285·7	19th	297·3	296·9	+1·7	73	+22
443	Odessa (Observatory)																	
444	Kharkiv (University)	46 26	30 46	42·8	1007·9	1012·9	- 1·4	..	305·2	4th	..	287·4	19th	..	*296·0*	+1·3	53	+21
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1006·6	1010·9	- 1·3	302·6	308·1	29th	293·8	289·7	18th	298·2	*297·7*	+1·2	55	+17
446	Astrakhan	41 43	44 48	404	965·1	1010·3	- 1·0	304·4	308·3	30th	292·3	289·0	20th	298·3	*298·0*	+1·1	39	+ 1
447	Fort Alexandrovsk	46 21	48 2	-20	1015·2	1012·9	- 0·1	302·9	308·1	30th	293·1	289·9	20th	298·0	*297·7*	+1·5	4	- 8
448	Krasnovodsk	44 31	50 7	-23·0	1014·7	1012·2	+ 0·3	301·8	308·8	26th	294·5	291·9	..	298·2	*298·1*	+0·8	29	+17
		40 0	52 59	- 4·6	1009·5	1008·9	- 1·3	307·1	311·1	11th	299·2	294·2	22nd	303·2	*302·5*	+1·2	0	- 5
449	Kasalinsk																	
450	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	289·7	286·1	12th	..	*296·9*	+0·5	2	- 6
451	Narynskoe	41 20	69 18	478	963·6	1006·8	- 0·1	306·5	311·9	1st	288·5	281·7	12th	297·5	*298·0*	+0·4	1	0
452	Alma Ata	41 26	76 13	2015	..	..	..	297·6	301·4	15th	282·0	276·7	12th	289·8	*290·3*	+0·3	12	- 7
		43 16	76 53	841	914·6	1006·3	- 1·5	302·7	311·0	2nd	290·1	282·5	29th	296·4	*296·3*	+2·0	31	+ 4
461	Moukden																	
462	Joshin	41 48	123 23	43·3	1001·3	1006·3	- 0·4	302·1	307·5	7th	290·8	285·8	30th	296·5	296·1	-0·5	56	-95
463	Yuki	40 40	129 11	31·9	1003·6	1007·3	- 1·0	299·0	302·4	7th	292·0	287·7	31st	295·5	295·1	0·0	243	+98
464	Vladivostok	42 20	130 24	63·3	999·6	1007·0	- 1·2	297·5	301·8	11th	290·6	286·7	25th	294·1	294·2	-0·2	278	+98
465	Ochiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Nemuro	47 20	142 47	27·4	1005·0	1008·2	- 1·7	295·2	303·2	5th	286·3	280·0	29th	290·7	290·6	+0·6	163	+65
466a	Syana	43 20	145 35	26·7	1005·7	1008·8	- 2·7	295·0	301·0	9th	289·2	285·2	28th	292·1	291·7	+1·7	168	+58
		45 14	147 53	39·3	1004·4	1009·0	- 2·5	294·0	300·0	3rd	287·1	278·3	29th	290·5	290·4	+1·6	588	+489
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

AUGUST - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
508	35°-30° N. 145°-140° W.	..	..	..	..	1014·9	+ 0·7	291·7	300·2	31st	285·3	283·6	9th	288·5	*288·1*	+1·2	0	- 1
511	San Francisco	37 48	122 26	47·2	1009·1	1015·2	+ 0·7	297·4	302·4	24th	284·7	281·9	29th	291·1	..	+0·4	0	- 1
512	San Luis Obispo	35 18	120 39	61·3	1007·8	1015·2	+ 0·7	297·4	302·4	24th	284·7	281·9	29th	291·1	..	+0·4	0	- 1
512a	Sacramento	38 35	121 30	21·0	1010·1	1012·5	+ 1·0	303·9	310·2	20th	286·1	284·7	29th	295·0	*295·1*	-0·7	0	0
513	San Diego	32 43	117 10	26·5	1010·2	1013·2	+ 0·8	296·2	298·6	25th	290·8	289·1	11th	293·5	*293·1*	+0·3	0	- 2
514	Modena	37 48	113 54	1668	835·4	1012·5	- 0·1	300·8	305·2	10th	284·7	280·2	31st	292·8	292·7	-0·5	87	+49
515	Santa Fé	35 41	105 57	2138	792·0	1013·2	+ 0·7	298·6	302·4	1st	286·0	282·4	21st	292·3	*291·4*	-0·1	87	+26
516	Denver	39 45	105 0	1613	841·4	1016·9	+ 1·3	298·2	303·0	24th	286·2	284·1	18th	292·2	*291·3*	-2·4	70	+34
517	Abilene	32 23	99 40	530	953·9	1013·2	0·0	309·1	311·9	8th	295·5	290·2	20th	302·3	*301·6*	+1·7	17	-45
518	Saint Louis	38 38	90 12	173	996·6	1016·9	+ 1·2	299·9	305·8	6th	290·7	284·7	3rd	295·3	*295·2*	-2·9	66	-22
519	Mobile	30 41	88 2	17·4	1013·6	1015·9	- 0·1	305·1	308·6	16th	295·5	290·8	21st	300·3	*299·2*	+0·7	111	-68
520	Nashville	36 10	86 47	166	997·1	1016·6	+ 0·2	301·9	305·8	8th	291·0	286·3	26th	296·4	*296·5*	-1·9	47	-43
521	Charleston	32 47	79 56	14·6	1013·9	1015·6	- 1·0	303·3	308·0	9th	295·5	289·7	28th	299·4	*299·3*	-0·3	223	+55
522	Washington	38 54	77 3	34·1	1011·7	1015·9	- 0·6	298·9	305·2	7th	289·2	285·2	25th	294·1	*294·1*	-2·4	98	- 7
524	Bermuda	32 17	64 46	46·0	1014·2	1019·5	+ 0·5	304·3	308·2	7th	295·7	294·6	13,15,16	300·0	*299·9*	0·0	112	-26
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
**Height changed from 48·8 m. to 74·1 m. from August 16th. ♂Change of normals, see pages 107 and 108.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′	° ′															
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1017·7	1022·4	- 1·1	297·9	300·8	12th	291·8	289·5	24th,29th	294·9	294·5	-0·4	54	
531	Horta	38 32	28 38	65	1014·5	1022·3	- 0·5	298·5	301·1	21st	291·9	290·6	11th	295·2	294·6	-0·7	34	
532	Ponte Delgada	37 44	25 40	22	1019·3	1021·9	- 0·4	297·1	298·5	8th	292·0	290·3	28th	294·6	294·5	-0·4	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	43	
533	Madeira (Funchal)	32 38	16 55	25	1017·2	1020·1	+ 0·8	297·9	300·5	16th	293·7	292·4	21st	295·8	*295·9*	+0·6	0	
535	Lisbon	38 43	9 9	96	1006·7	1017·9	+ 1·0	299·6	304·9	26th	290·5	288·0	19th	295·0	294·5	-0·2	1	
535a	Melilla	35 17	2 59	40	1011·5	1016·1	..	301·8	309·4	15th	295·9	292·9	20th	298·8	*299·8*	-1·2	1	
536	∮Gibraltar	36 6	5 21	16·2	..	1016·1	- 0·6	301·7	307·4	15th	293·4	290·2	10th,22nd	297·5	*296·7*	+0·1	2	
536a	Colomb-Béchar	31 36	W. 2 4	769	928·2	1010·7	..	312·4	314·0	18th	299·0	294·2	31st	305·7	*305·6*	..	0	
537	Palma	39 34	E. 2 39	23	1013·4	1016·1	- 1·8	304·3	308·0	12th	292·3	287·6	28th	298·3	*297·5*	-0·2	0	
538	∮Algiers (Bouzaréah)	36 48	3 2	342	976·3	1015·4	+ 0·2	302·1	310·2	23rd	294·6	291·0	28th	298·3	297·7	+0·9	1	
538a	∮Gadames	30 9	9 30	351	..	..	..	314·7	319·3	18th	295·8	291·5	23rd	305·3	..	-0·3	0	
539	Tunis	36 48	10 10	75	1008·1	1016·7	..	304·9	312·7	8th	293·5	287·9	22nd	299·2	*298·9*	-0·1	0	
539a	Malta	35 54	14 31	56·4	..	1014·7	+ 0·4	302·8	309·6	10th	296·8	293·2	31st	299·8	*299·1*	+0·6	0	
540	Riposto	37 41	15 14	14·2	..	1016·0	- 0·3	303·3	307·0	10th	295·9	292·0	30th	299·6	*299·1*	+0·6	0	
541	Athens	37 58	23 43	107	998·6	1010·7	- 1·2	306·9	311·2	11th	297·1	291·5	30th	302·0	301·6	+2·0	1	
542	Alexandria	31 12	29 53	32·0	1006·0	1009·8	- 0·3	304·9	306·2	11th	297·7	295·4	1st	301·3	*300·7*	+1·5	0	
543	Ankara (Angora)	39 58	32 48	970	903·0	1007·7	- 3·0	304·0	309·4	30th	289·3	284·5	3rd	296·7	*297·3*	..	0	
543a	∮Nicosia (P.W.D.)	35 9	33 22	159	987·4	1005·2	- 1·0	309·2	313·0	11th,14th	294·1	291·3	8th	301·6	..	+0·4	5	
544	Beirut	33 54	35 28	33·7	..	1007·5	- 0·7	304·7	305·9	11th	297·5	296·3	2nd,17th	301·1	*301·0*	+0·8	0	
545	Hinaidi	33 17	44 29	32·3	..	1000·8	- 0·1	316·9	319·7	23rd	297·6	294·7	22nd	307·3	*308·4*	-0·1	0	
546	Lenkoran	38 46	48 51	-20·0	1012·4	1010·2	- 1·2	..	306·0	18th	294·0	290·9	31st	..	*298·8*	+0·6	5	
547	Tehran	35 41	51 25	1220	..	..	..	309·3	312·6	13th	296·1	291·4	31st	302·7	*302·4*	+0·7	0	
548	Meshed	36 17	59 38	946	872·4	..	..	307·2	310·6	21st	288·3	285·2	29th	297·7	..	+1·6	0	
549	Seistan	31 0	61 30	610	..	..	..	311·9	317·3	2nd	298·8	294·9	21st	305·4	..	+1·0	0	
550	Quetta	30 11	67 3	1677	928·1	..	+ 0·3	308·2	310·8	10th	298·8	282·7	31st	299·0	*298·7*	+1·2	0	
551	Peshawar	34 2	71 37	339	963·4	1000·6	+ 0·4	310·7	315·3	10th	299·7	295·8	31st	305·2	*304·7*	+0·8	17	
551a	Lahore	31 34	74 20	214	976·7	1000·3	+ 0·4	309·2	312·4	23rd	300·1	297·0	25th	304·6	*304·0*	+0·4	100	
552	Simla	31 7	77 8	2204	778·4	..	+ 0·4	291·2	292·5	30th	288·2	287·0	12th	289·7	*289·4*	-0·9	885	
552a	Leh	34 10	77 42	3503	665·3	..	+ 0·2	297·5	301·3	10th	283·2	278·3	29th	290·3	*288·9*	0·0	7	
559	∮Hankow	30 35	114 17	37·0	1000·9	1005·1	- 0·4	306·9	311·6	16th	298·4	294·6	24th	302·7	*302·0*	+0·4	164	
560	∮Tientsin	39 10	117 10	5·0	1005·5	1006·0	- 0·9	306·0	309·9	12th	294·8	291·6	23rd	300·4	*299·7*	+0·9	72	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1004·5	- 1·4	306·1	310·0	1st	297·5	293·8	13th	301·8	300·5	+0·6	212	
562	Jirsen (Chemulpho)	37 29	126 37	67·6	998·6	1006·3	- 1·0	302·1	306·1	7th	294·8	291·0	24th	298·4	298·0	+0·4	202	
562a	Nagasaki	32 44	129 52	133	992·4	1007·5	- 0·8	302·9	306·1	29th	296·4	294·5	31st	299·6	299·0	-0·1	721	
563	Kyoto	35 1	135 44	42·9	1003·7	1008·6	- 0·3	304·4	307·5	21st	294·8	290·7	31st	299·6	299·0	-0·1	202	
564	Tokyo	35 41	139 46	5·8	1007·9	1008·5	- 1·5	304·3	307·2	28th	295·8	291·6	31st	300·1	299·6	-0·1	107	
565	∮Hukusima	37 45	140 24	62·0	1000·8	1007·9	- 1·8	304·2	308·4	1st	294·1	290·7	31st	299·1	298·1	+0·8	116	
566	Miyako	39 38	141 59	30·4	1004·3	1007·8	- 2·6	300·6	305·4	22nd	292·5	287·9	31st	296·5	296·0	+1·0	302	

AUGUST - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20°

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15	177 22	5·8	1017·4	1017·9	0·0	302·9	304·1	17th	294·8	293·6	13th	298·8	*298·3*	0·0	59	
605	Honolulu	21 19	157 52	11·6	1015·0	1016·2	0·0	301·1	302·4	26th	296·3	294·7	18th	298·7	*298·5*	-0·1	23	
613	Guaymas	27 55	110 53	8·3	1010·5	1011·6	..	309·6	312·5	9th	299·4	294·8	22nd	304·5	*302·3*	-1·1	110	
615	Chihuahua	28 38	106 4	1423	860·1	1008·9	- 1·6	304·6	308·0	9th	290·5	286·5	27th	297·6	*298·2*	+1·1	37	
616	Leon	21 7	101 41	1809	822·4	1010·9	+ 0·1	299·6	302·0	1st	286·6	284·5	12th	293·1	*292·2*	-1·3	216	
616a	Monterry	25 40	100 18	528	953·8	1012·1	+ 1·6	305·3	309·7	17th	295·1	292·0	23rd	300·2	*299·8*	-0·5	23	
617	∮Tulancingo	20 5	98 22	2181	791·2	1011·5	- 0·3	296·3	300·2	17th	283·0	279·8	15th	289·6	*288·4*	-0·9	39	
618	Galveston	29 18	94 50	16·5	1014·2	1016·2	+ 1·0	304·6	306·3	18th	300·0	296·9	23rd	302·3	*301·7*	+1·1	1	
618a	New Orleans	29 57	90 4	18·2	1014·1	1015·9	+ 0·7	304·9	308·6	16th	297·2	294·1	21st	301·1	*300·4*	+0·1	216	
619	∮Merida, Yuc.	20 58	89 38	22	1012·0	1014·5	- 0·6	306·7	310·8	4th	296·8	296·0	sev. dates	301·8	*300·6*	+0·8	72	
620	Havana	23 7	82 25	77·0	..	1014·7	- 0·8	305·4	307·4	31st	296·9	295·1	16th	301·1	300·6	..	66	
620a	Key West	24 33	81 48	6·7	1014·5	1015·2	- 0·4	305·6	306·9	18th	299·4	295·8	29th	302·5	*302·1*	+0·8	42	
621	Nassau, Bahamas	**	**	**	..	1016·0	- 0·4	..	..	..	?297·8	?295·2	16th	..	‡*301·9*	+0·8	24	
622	∮Watling Island	24 6	74 26	33·5	1013·1	1016·9	- 0·5	..	304·7	23rd	..	299·7	sev. dates	..	*302·0*	-0·2	..	
633	Port Etienne	20 56	17 3	4	1010·5	1010·9	..	304·6	308·0	20th	294·8	292·8	1st	299·7	*298·3*	..	3	
634a	Izaña	28 19	16 30	2367	772·9	..	+ 0·1	295·1	298·6	25th	286·5	281·6	1st	290·8	*289·9*	+0·1	2	
634	La Laguna	28 28	16 20	547	953·7	1015·6	- 0·1	300·1	308·3	15th	289·7	286·8	24th	294·9	*294·2*	-0·3	2	
636	Adrar	27 38	W. 0 4	285	980·4	1011·9	..	319·1	321·3	20th	299·5	294·8	26th	309·3	*311·3*	..	1	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	308·1	311·0	1st	294·6	289·0	9th	301·4	*303·0*	..	35	
641	Giaralub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	
642	Siwa	29 12	25 29	-23	1013·1	1010·4	..	310·2	313·6	12th	294·0	291·5	31st	302·1	..	..	0	
643	∮Cairo (Helwan)	29 52	31 20	116	995·5	1008·4	- 0·4	308·6	312·0	22nd	295·3	292·6	3rd,5th	302·0	*301·8*	+1·0	0	
643a	Aswan	24 2	32 53	100	995·6	1006·4	+ 0·1	314·4	316·8	23rd	298·6	295·5	9th	306·5	*306·5*	+0·9	..	
644	Tor	28 14	33 37	1·9	1005·2	1005·4	0·0	308·2	314·5	23rd	298·5	294·0	6th	303·4	*303·0*	+1·4	0	

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 11
**Station moved to 25° 5′N. 77° 20′W. 9·6 m. from August 3rd. ∮Change of normals, see pages 108,109 and

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′	° ′															
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	997·1	997·6	..	308·3	311·4	31st	301·9	299·4	2nd	305·1	*304·5*	-0·2	0	0
648	Jask	25 45	57 45	4·0	998·0	998·5	..	308·8	310·6	6th	301·4	299·2	19th	304·1	*303·5*	-0·7	0	0
649	Karachi	24 53	66 57	4·0	1001·5	1002·0	0·0	302·8	304·8	14th	298·8	296·3	1st	300·8	*300·2*	+0·1	55	+13
650	Jacobabad	28 17	68 29	56·7	993·5	999·7	+ 0·7	312·7	316·6	16th	301·4	299·9	3rd	307·1	*306·5*	+0·1	0	-25
651	Jaipur	26 56	75 52	436	954·6	1002·6	+ 0·6	304·4	308·8	1st	297·2	295·2	4th,5th	300·8	*299·8*	-1·1	158	-43
652	Nagpur	21 8	79 5	310	969·5	1004·0	+ 0·6	303·7	306·1	22nd	296·8	295·2	8th	300·2	*299·4*	+0·1	311	+16
653a	Allahabad	25 25	81 51	94·2	990·8	1001·4	+ 0·4	305·4	308·1	10th	298·9	297·2	4th	302·2	*301·6*	+0·1	139	-158
654	Darjeeling	27 3	88 15	2265	773·7	..	+ 0·1	293·0	295·3	21st	297·9	296·3	27th	290·5	*290·2*	+1·1	560	-103
655	Calcutta	22 36	88 23	6·4	1001·3	1002·1	+ 0·2	304·6	306·7	23rd	299·1	297·8	1st,5th	301·9	*301·7*	+0·7	178	-144
655a	Gauhati	26 8	91 41	59·7	997·6	1004·3	+ 0·4	305·3	308·6	23rd	298·2	296·7	3rd,4th	301·7	*300·9*	-0·1	347	+84
655a	Cherrapunji	25 15	91 42	1313	864·4	..	0·0	295·6	299·2	21st	291·7	290·2	4th	293·7	*293·2*	+0·4	1322	-706
656	Akyab	20 11	92 56	6·1	1004·4	1005·2	0·0	301·5	303·1	22nd	297·8	296·6	7th	299·7	*299·9*	-0·4	869	-279
656a	Mandalay	21 59	96 0	76·2	997·2	1005·7	+ 0·2	307·2	310·6	21st	299·1	297·6	5th,15th	303·1	*302·7*	+0·3	24	-93
657	Tengyueh	25 2	98 33	1626	833·7	1003·5	..	297·2	300·3	..	290·3	287·4	..	293·7	*293·0*	+0·3	164	-114
658	Phu Lien	20 48	106 38	116	989·6	1002·6	- 0·5	305·6	308·9	20th	298·3	295·4	23rd	302·0	301·5	+0·7	162	-181
659	Moncay	21 31	107 51	9·0	1001·5	1002·6	- 0·6	306·1	309·0	16th	298·7	296·6	26th	302·4	*302·7*	+1·1	621	+ 1
659	Hongkong	22 18	114 10	33·2	..	1003·4	- 1·4	303·8	306·9	19th	298·6	296·3	20th	301·2	300·9	+0·2	531	+165
661	∮Taihoku, Formosa	25 2	121 31	9·3	1003·6	1004·6	- 0·3	306·8	308·9	24th	297·3	295·6	1st	302·3	301·5	+0·6	263	-43
661a	∮Basco	20 28	121 59	18·7	..	1003·9	- 0·8	303·8	305·2	11th,21st	298·2	295·5	15th	301·0	300·9	0·0	426	+29
662	Naha	**	**	**	‡1004·7	‡1005·6	- 0·6	303·9	305·7	19th	298·7	296·0	8th	301·2	301·1	+0·3	159	-113
665	∮Titizima (Bonin Islands)	27 5	142 11	4·1	1010·4	1010·9	+ 2·4	304·0	305·5	8th	298·1	296·5	15th,22nd	301·1	300·7	+0·6	124	-48

BETWEEN LATITUDE 20° N. AND 10° N.

AUGUST - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	19 12	103 45	498	956·7	1012·1	0·0	304·9	308·2	8th	293·6	292·0	sev. dates	299·2	*298·4*	-0·1	99	-75
716	Morelia	19 42	101 7	1923	810·8	1011·0	- 0·2	295·1	297·6	17th	287·1	284·6	3rd	291·1	*290·3*	-0·2	190	+45
717	Mexico, Tacubaya	19 24	99 12	2309	775·9	..	- 0·3	298·1	298·5	17th	283·8	281·5	14th	289·9	288·5	-0·5	135	+ 9
718	∮Salina Cruz	16 12	95 12	56	1004·8	1011·2	- 0·8	303·6	305·5	30th	296·3	293·0	1st	300·0	*300·5*	-0·5	183	+40
719	San Salvador	13 42	89 13	682	937·0	1012·3	- 0·1	305·4	307·0	3,10,15	291·4	289·8	18th	298·4	*297·0*	+0·4	469	+162
720	∮Belize	17 31	88 11	5·2	1012·8	1013·4	0·0	302·8	304·1	13,18,26	297·6	293·6	4th	300·2	*299·8*	-0·6	159	- 2
721	∮Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1013·6	- 0·3	304·8	306·1	29th	295·7	293·3	14th	300·3	*299·9*	+0·4	72	-93
722	Port au Prince	18 33	72 20	37·4	1009·6	1013·9	- 0·6	306·5	308·9	9th	296·5	293·9	12th	301·5	*300·7*	0·0	160	+24
723	Caracas	10 30	66 56	1042	898·8	1012·6	- 0·7	299·9	302·0	26th	289·0	287·4	1st,21st	294·4	*293·4*	+0·2	136	+28
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·6	1014·2	- 1·3	302·7	305·9	22nd	297·0	294·7	1st	299·8	*299·6*	-0·1	122	-66
724a	Grenada (Richmond Hill)	12 5	61 46	186	990·3	1011·7	- 1·1	303·9	306·3	15th	297·4	294·7	24th	300·7	*300·1*	+1·2	88	-149
725	∮Barbados	13 8	59 36	55·2	..	1013·4	- 0·4	304·3	306·1	23rd	296·3	294·4	8th	300·3	*300·1*	+0·5	89	-94
731	São Vicente, C. Verde Is.	16 54	25 4	11	1013·0	1014·2	+ 1·7	301·3	303·0	18th,26th	297·0	292·0	2nd	299·1	*299·6*	+1·0	25	-14
732	San Tiago, C. Verde Is.	14 54	23 31	34	1008·5	1012·3	- 1·2	302·9	304·5	30th	297·2	295·8	7th	300·1	*300·1*	+0·6	119	+26
733	Dakar	14 40	17 26	32	1007·3	1011·0	..	303·9	307·2	4th	296·9	294·5	25th	300·4	*299·9*	-1·8	476	+237
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·3	303·6	22nd	..	..	..	..	..	..	736	..
735	Niámèbalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	307·8	311·6	6th	296·6	293·2	22nd	302·2	*300·9*	-1·9	87	+28
737	∮Sokoto	13 2	E. 5 14	353	..	..	..	304·6	307·4	23rd	295·2	293·0	28th	299·9	*299·2*	+0·4	191	-30
738	Kaduna Captial	10 32	7 25	7637	..	..	..	300·3	303·0	30th	..	..	..	..	‡*295·7*	+0·4	326	+13
739	Hadeija	12 40	10 5	?	..	..	..	303·7	305·8	31st	..	..	..	..	‡*298·7*	-0·5	272	+56
740	∮Maiduguri	11 47	13 11	361	..	..	..	304·2	307·4	16,30,31	295·1	293·0	18,22,26	299·7	*299·1*	-0·1	227	+18
741	El Fasher	13 32	25 18	730	928·2	1008·4	..	..	..	..	293·7	291·0	11th	..	‡*298·9*	..	123	-21
743	El Obeid	13 11	30 14	563	947·1	1009·8	+ 0·2	306·0	309·2	29th,31st	294·8	292·4	5th	300·4	*299·2*	+0·2	95	-17
743a	∮Kurtoum	15 37	32 33	390	965·1	1008·0	+ 0·1	310·1	314·0	29th	297·7	292·1	30th	303·9	*304·2*	+0·3	87	+15
744	Port Sudan	19 37	37 13	5·5	1004·6	1005·2	0·0	314·7	318·2	14th	302·7	299·8	10th	308·7	*307·5*	+0·3	0	- 3
745	∮Berbera, Somaliland	10 22	45 2	13·8	1002·3	1003·8	- 1·2	313·4	315·2	13th,28th	303·5	299·7	11th	308·5	*308·1*	+0·3	0	- 2
746	Aden	12 45	45 3	28·7	1002·0	1005·3	+ 0·4	306·6	310·3	29th	301·3	298·2	1st	303·9	*304·1*	+0·3	0	- 3
751	Bombay	18 54	72 49	11·3	1005·6	1006·9	0·0	301·9	302·6	27th	298·1	297·4	15th,17th	300·0	299·6	-0·1	171	-179
752	Kodaikanal	10 14	77 28	2343	770·4	..	+ 0·9	291·1	292·6	14th	284·2	283·2	2nd	287·7	*286·9*	+0·5	125	-52
752a	Bangalore	12 59	77 38	921	908·7	1009·3	+ 0·3	301·6	304·1	31st	291·9	290·3	18th	296·7	*295·7*	+0·8	37	-100
753	Madras	13 4	80 14	6·7	1006·7	1007·4	+ 0·4	308·2	310·8	28th	299·1	296·1	16th	303·7	*303·0*	+0·9	94	-24
754	Vizagapatam	17 42	83 19	11·6	1002·2	1003·8	+ 0·1	304·9	306·9	22nd	299·1	296·3	7th	302·0	*301·4*	-0·3	181	+45
755	Port Blair	11 40	92 40	18·0	1006·8	1008·6	+ 0·3	302·1	303·3	3rd	297·9	296·1	7th,24th	300·0	*299·4*	-0·3	370	- 3
756	Rangoon	16 46	95 48	5·5	1007·1	1007·7	+ 0·2	302·5	304·9	3rd	297·1	296·2	23rd	299·8	*298·9*	+0·1	508	+ 4
757	Saigon	10 47	106 42	11	1006·3	1007·5	- 0·1	303·9	306·4	18th	296·6	295·2	5th	300·3	*299·9*	-0·2	256	-10
758	Nhatrang	12 15	109 12	3·6	1004·3	1004·7	- 0·5	305·7	308·6	27th	297·5	296·2	16th	301·6	*301·1*	-0·2	43	- 1
759	Bolinao	16 23	119 53	2	..	1005·0	- 0·7	303·1	306·2	21st	296·1	294·7	13th	299·6	*299·5*	-0·3	544	-67
761	∮Vigan	17 34	120 23	12·2	..	1004·8	- 1·1	303·5	305·5	11th	297·2	296·1	13th	300·3	300·0	+0·2	647	-74
761a	Manila	14 35	120 59	14·2	..	1006·4	- 0·7	303·2	305·5	22nd	296·7	294·9	10th	299·9	299·5	-0·5	588	+174
762	∮Ormoc	11 0	124 36	5·6	..	1006·9	- 0·3	305·1	306·5	21st	297·1	295·4	1st	301·1	*300·7*	+0·6	152	-92
765	∮Guam, Ladrone Is.	13 24	144 38	18·6	..	1007·5	+ 0·4	..	..	..	297·3	295·1	24th	..	*300·4*	+0·2	559	+173

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111.
**Station moved to 26° 12′N. 127° 39′E. 29·5 m. from August 1st. ∮Change of normals, see pages 110 and 111.

AUGUST - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	øCristobal (Colon)	9 23	79 54	11·0	..	1010·3	- 0·5	303·6	305·2	20th,31st	297·2	295·2	11th	300·4	299·8	+0·8	676	[illegible]
822	Bogota	4 36	74 5	2645	746·3	..	..	291·9	294·3	25th	282·7	280·5	21st	287·3	286·7	..	51	[illegible]
822a	Merida, Venez.	8 36	71 9	1641	‡841·4	..	- 0·5	297·9	300·7	30th	288·2	285·7	15th	293·0	291·8	-0·1	90	[illegible]
823	Ciudad Bolivar	8 9	63 33	38	1008·9	1013·2	..	303·4	307·1	30th	296·4	294·4	1st	299·9	299·4	-0·6	61	[illegible]
824	El Peru, Guayanavieja	7 19	61 49	220	985·6	1010·5	- 0·6	302·9	304·0	20th	294·9	292·4	13th	298·9	298·4	+0·3	155	[illegible]
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·9	- 0·9	303·2	304·1	19,22,24	297·6	296·3	3,10,27	300·4	300·0	+0·4	238	[illegible]
826	Paramaribo	5 49	55 9	3·7	..	1012·4	- 1·0	305·6	307·1	25th	295·2	294·2	14th	300·4	300·1	+0·5	186	[illegible]
826a	Cayenne	4 56	52 21	6	..	..	..	303·6	304·4	12th	297·3	296·0	17th	300·5	299·9	0·0	14	[illegible]
831	10°-5° N. 30°-25° W.	††7 4	††27 4	§(111-123)	..	1013·5	- 0·1	..	..	Sea Temp. 299·9, +0·5	..	..	..	..	299·6	+0·6	..	[illegible]
833	Konakri	9 31	13 43	16	..	..	..	301·3	303·0	31st	294·7	293·6	22nd	298·0	299·5	0·0	766	[illegible]
834	Freetown, Sierra Leone	8 29	13 14	68·3	1005·7	1013·6	+ 0·9	301·1	303·6	2nd,25th	295·1	293·6	21st	298·1	297·4	-0·4	559	[illegible]
835	Assuantsi	5 18	1 15	101	..	..	..	300·4	303·0	9,10,11	293·5	289·7	1st,9th	296·9	296·4	+0·1	6	[illegible]
836	Accra	5 33	W. 0 12	16·0	1011·7	1013·5	- 0·4	298·9	302·3	11th	294·7	293·3	1st	296·8	296·4	-0·5	1	[illegible]
837	Lagos	6 27	E. 3 24	3·0	1012·7	1013·0	0·0	299·8	300·8	1st	296·1	294·7	1,5,14	297·9	297·5	-0·6	6	[illegible]
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	820	[illegible]
839	Yola	9 12	12 30	259	..	..	..	303·5	305·8	18th	294·3	292·4	24th	298·9	298·4	+0·1	230	[illegible]
841	øWau	7 42	28 3	440	..	..	..	..	..	..	293·8	292·5	sev.dates	..	299·0	+1·3	120	[illegible]
843	Malakal (Kodok)	9 35	31 37	394	967·2	1011·4	+ 0·4	303·5	307·8	15,25,28	294·3	292·5	17th	298·9	298·1	+0·7	247	[illegible]
843a	øMongalla	5 11	31 47	448	961·1	1011·4	+ 0·2	..	..	..	293·6	292·0	5th	..	297·6	+0·3	67	[illegible]
844	øEntebbe	0 5	32 29	1171	885·0	1011·5	+ 0·2	298·9	301·3	3rd	289·4	287·4	21st	294·1	293·6	+0·4	62	[illegible]
851	Minicoy	8 17	72 49	2·1	1010·9	1011·1	+ 0·2	303·2	304·6	27th,29th	298·2	295·3	2nd	300·7	300·1	..	42	[illegible]
851a	Cochin	9 58	76 21	2·7	1011·0	1011·4	+ 0·6	300·9	302·3	6th	296·8	295·1	11th,12th	298·9	298·3	-0·3	237	[illegible]
852	Colombo Observatory	6 54	79 52	7·3	..	1009·7	+ 0·6	303·5	304·6	23rd	298·1	295·6	4th	300·8	300·2	+0·5	13	[illegible]
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	292·9	296·7	16th	285·0	281·8	18th	288·9	288·2	+0·7	90	[illegible]
854	Trincomalee	8 35	81 15	30·2	..	1006·8	+ 0·7	307·3	309·3	19th	297·9	295·9	2nd	302·6	302·0	+0·3	59	[illegible]
855	Kuta Raja	5 32	95 20	7·1	..	1008·9	- 0·6	..	..	..	..	..	..	..	..	..	40	[illegible]
856	Medan	3 35	98 41	25·0	..	..	..	304·3	306·2	15th	295·4	293·9	28th	299·9	299·1	+0·4	301	[illegible]
857	Penang	5 34	100 20	5·0	1008·9	1009·4	- 0·5	306·6	307·4	14th	295·2	294·7	23rd	300·9	300·2	+0·7	208	[illegible]
858	øSingapore	1 18	103 51	10·9	1008·3	1009·5	- 0·2	304·4	306·1	4th	296·8	294·8	27th	300·6	300·1	+0·2	165	[illegible]
859	Sandakan	5 50	118 7	31·7	..	..	..	304·8	305·8	20th,25th	297·0	295·8	5,10,15	300·9	300·6	+0·2	205	[illegible]
860	Iwahig	9 44	118 38	14·3	..	1007·3	+ 0·1	304·7	307·1	19th	295·2	293·1	1st	299·9	299·4	+0·1	158	[illegible]
861	Tagbilaran	9 38	123 51	21·3	..	1007·7	- 0·2	305·1	306·7	16th	297·5	295·3	21st	301·3	300·5	0·0	189	[illegible]
861a	Menado	1 30	124 50	8·5	..	1008·8	0·0	304·2	307·6	30th	295·1	292·5	31st	299·7	299·6	-0·1	44	[illegible]
862	Surigao	9 48	125 29	6	..	1007·8	- 0·1	303·7	306·2	19th	297·4	295·9	23rd	300·5	300·5	-0·2	214	[illegible]
863	øKolonia, Yap	9 29 N.	138 8 E.	29·3	..	1007·9	+ 0·2	303·1	306·1	13th	297·1	294·6	31st	300·1	299·4	-0·4	648	[illegible]

AUGUST - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
924	Manaos	3 8	60 1	43·8	..	..	..	304·9	307·2	29th	295·0	292·8	8th	300·0	299·5	-1·1	70	[illegible]
926	Taperinha	2 30	54 20	21·5	1009·8	1012·2	- 0·4	305·2	307·0	20th	295·6	293·6	20th	300·4	299·2	+0·9	44	[illegible]
927	Turyassu	1 43	45 26	9·1	1011·1	1012·2	- 0·7	305·3	306·4	3rd	294·9	292·5	14th	300·1	299·2	+0·3	66	[illegible]
928	Barra do Corda	5 30	45 16	81·0	1000·8	1010·2	- 1·6	307·4	308·8	5th	292·2	287·6	1st	299·8	299·1	+1·2	2	[illegible]
929	Quixeramobim	5 16	39 15	207	990·0	1013·4	- 0·6	304·5	306·2	27th	296·5	295·7	2nd	300·5	300·4	+0·5	0	[illegible]
930	Fernando Noronha	3 50	32 25	106	1002·3	1014·3	- 0·4	300·9	302·6	21st,22nd	295·7	294·0	1st	298·3	298·2	+0·5	64	[illegible]
930a	5°-10° S. 35°-30° W.	††7 20	††33 37	§(42)	..	1015·1	..	..	..	Sea Temp. 299·0, +0·6	..	..	..	..	299·1	..	..	[illegible]
930b	0°-5° S. 35°-30° W.	††2 30	††31 45	§(31)	..	1014·2	..	..	..	298·8, +0·2	..	..	..	..	298·6	..	..	[illegible]
934	øAscension Island	7 55	W. 14 24	16·8	1014·7	1016·5	- 0·1	300·8	302·4	6th	295·2	293·0	28th	298·0	297·3	+0·1	14	[illegible]
939	Loanda	8 49	E. 13 13	51	..	1014·9	- 0·5	295·6	298·2	23rd	290·9	288·9	9th	293·3	292·7	-0·1	0	[illegible]
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
943	Masaka	0 20	31 44	?1280	..	..	..	302·4	303·0	sev.dates	288·1	286·9	6,12,29	295·2	293·9	+1·8	11	[illegible]
944	Nairobi (Dept.Agric.)	1 16	36 50	1675	..	..	..	296·9	300·2	31st	283·6	280·2	15th,25th	290·2	..	..	2	[illegible]
944a	Zanzibar	6 10	39 11	17·1	1016·4	1018·4	+ 0·1	300·2	301·8	21st	295·7	294·4	28th	297·9	297·0	0·0	29	[illegible]
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	301·3	4th	..	..	..	..	..	..	24	[illegible]
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·8	0·0	301·9	303·6	31st	296·8	295·7	5th	299·4	298·5	+0·8	27	[illegible]
957	Padang	0 56	100 22	6·7	..	1011·2	+ 0·6	303·1	304·8	1st	295·9	294·8	17th	299·5	299·1	-0·1	289	[illegible]
958	Batavia	6 11	106 50	8·0	1009·7	1010·6	+ 0·2	304·6	305·9	11th	296·2	295·0	16th	300·4	299·9	+0·8	49	[illegible]
958a	øPontianak	0 1	109 20	2·6	..	1009·4	- 0·5	305·3	307·3	21st	296·9	295·2	8th	301·1	300·2	+0·4	356	[illegible]
959	Pasuruan	7 38	112 55	5·0	..	1011·4	+ 0·3	304·4	305·4	18th	294·5	292·8	8th	299·5	299·6	+0·6	0	[illegible]
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	0	[illegible]
962	øAmboina	3 42	128 10	4·2	..	1010·6	- 0·6	300·2	301·9	31st	295·8	293·8	1st	298·0	297·8	0·0	149	[illegible]
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	236	[illegible]
965	øDaru	9 4	143 13	7·6	..	1013·3	+ 1·0	300·6	..	..	295·9	..	..	298·2	297·8	+0·1	35	[illegible]
966	øPort Moresby	9 29	147 9	38·4	..	1012·2	+ 0·3	300·1	..	..	295·5	..	..	297·8	297·4	-0·5	9	[illegible]
967	Rabaul	4 9	152 12	12·5	..	1009·2	- 0·2	305·2	306·9	23rd	295·6	294·6	2nd	300·4	299·8	+0·3	150	[illegible]
969	øTulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·6	304·4	29th	297·3	296·3	8,9,12	299·9	299·7	-0·1	195	[illegible]
970	Ocean Island	0 52 S.	169 35 E.	39·6	1005·8	1010·5	0·0	305·7	306·9	9th,12th	298·8	296·3	2nd	302·3	301·6	+1·3	43	[illegible]
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111. ††Mean latitude and longitude of the observations. §Number of observations. øChange of normals, see pages 111,112 and 113.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

AUGUST - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	øApia, Samoa	13 48	171 46	2	..	1011·7	- 0·4	302·4	303·2	4th	297·0	294·9	2nd	299·7	299·8	+0·8	34	-58
1003	øAlofi, Niue Island	19 2	169 55	27·4	..	1015·9	- 0·8	301·3	304·1	21st	293·1	288·6	4th	297·2	297·0	+1·1	61	-62
1022	Tacna	18 0	70 18	560	..	..	..	295·7	297·0	sev. dates	281·6	279·3	10th	288·7	287·7	+0·9	0	- 8
1025	Corumba	18 59	57 39	116	999·9	1013·1	0·0	301·9	307·6	12th	290·2	281·2	5th	296·0	295·8	-0·1	37	+12
1026	Cuyaba	15 36	56 6	165	993·4	1012·0	- 0·4	306·7	311·1	30th	291·1	286·2	6th	298·9	297·7	+0·2	13	-16
1027	Bello Horizonte	19 55	43 57	895	916·0	1015·6	- 2·2	298·3	301·8	28th	286·7	281·8	1st	292·5	291·4	+0·4	66	+50
1028	Caetite	14 3	42 37	897	917·1	1016·0	- 1·0	299·8	303·7	5th	288·0	282·7	3rd	293·9	293·9	+0·6	12	0
1029	Ondina (Bahia)	13 0	38 31	46·6	1010·4	1015·9	- 1·9	299·9	302·0	21st	293·9	292·4	5th	296·9	296·5	+0·4	32	-86
1030	Aracaju	10 55	37 3	6·1	..	..	..	299·7	302·6	19th	293·9	291·1	4th	296·8	296·5	..	63	..
1030a	15°-20° S. 40°-35° W.	††17 9	††38 1	§(49)	..	1017·9	..	..	..	Sea Temp. 296·6, -0·1	..	..	..	..	297·4	..	..	..
1030b	10°-15° S. 40°-35° W.	††12 38	††36 32	§(40)	..	1016·8	..	..	..	298·1, +0·6	..	..	..	..	298·3	..	..	..
1035	St. Helena	15 57	W. 5 40	579	950·0	1017·5	+ 1·3	288·9	291·9	7th	285·3	284·1	3,26,28	287·1	287·4	0·0	77	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	909·3	1017·3	..	301·0	306·4	30th	282·2	278·0	5th,6th	291·6	..	..	0	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	..	..	..	..	..	..	..	..	..	0	0
1042	Gwelo	19 26	30 2	1411	..	..	..	298·1	303·6	26th,31st	278·8	269·7	6th	288·4	..	-0·1	0	- 2
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	856·1	1017·7	- 1·0	296·1	301·9	28th	281·1	276·3	5th	288·6	288·5	0·0	1	- 1
1044	øZomba	15 23	35 18	955	911·5	1018·4	+ 0·5	297·3	301·3	27th,31st	283·3	279·7	5th	290·3	290·3	-1·0	1	- 8
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	868·1	1019·1	- 0·5	294·1	297·5	31st	281·3	278·4	17th	287·9	287·5	+0·4	24	+16
1055	Cocos, Keeling Is.	12 5	96 53	4·5	1014·6	1015·3	+ 0·4	301·2	302·2	2nd	297·6	296·2	26th	299·4	299·1	+0·5	100	-20
1057	Christmas Island	10 25	105 43	5·5	1010·0	1010·6	+ 0·1	303·2	304·1	sev. dates	295·9	294·1	25,26,27	299·5	298·9	+0·1	43	-12
1061	Kupang	10 10	123 34	45·1	..	1013·0	+ 0·7	304·5	306·8	14th	293·0	289·0	26th	298·7	298·3	-0·3	0	- 3
1061a	Derby	17 18	123 40	16·2	1013·6	1015·3	+ 0·6	304·1	306·8	15th	288·2	281·9	5th	296·2	..	-0·5	0	- 3
1062	Hall's Creek	18 13	127 46	373	973·7	1015·7	0·0	303·6	306·7	30th,31st	283·7	278·4	16th	293·6	292·9	-0·1	0	- 2
1063	Darwin	12 28	130 51	29·6	1009·9	1013·3	+ 0·8	304·4	306·2	8th	292·9	289·8	9th	298·7	297·5	-0·6	0	- 2
1064	Daly Waters	16 16	133 23	211	989·8	1013·5	- 0·6	305·5	309·1	31st	284·3	279·1	8th,10th	294·9	294·2	-0·9	0	- 4
1065	øMein	13 13	142 47	122	999·2	1013·2	+ 0·6	301·9	305·2	27th,30th	288·8	285·7	23rd	295·4	294·5	-1·5	2	- 1
1066	øGeorgetown, Queensland	18 22	143 32	302	982·1	1016·5	+ 0·5	302·3	304·7	28th,29th	288·5	283·6	24th	295·4	..	+1·0	0	- 5
1066a	Willis Island	16 18	149 59	8·5	1014·0	1015·1	..	298·5	299·8	26th	294·6	292·7	24th	296·6	296·4	..	47	..
1067	Samarai	10 37	150 40	6·1	..	1013·3	+ 0·3	299·5	..	..	295·6	..	..	297·6	297·4	-0·1	414	+195
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·5	1013·2	- 1·1	299·8	304·1	30th	294·7	291·9	4th	297·3	297·1	+1·2	232	+21

BETWEEN LATITUDE 20° S. AND 30° S.

AUGUST - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	298·5	300·8	12th	291·3	288·0	8th,20th	294·9	294·7	+0·5	48	-71
1121	øPunta Tortuga, Coquimbo	29 56	71 21	27	1014·8	1018·1	0·0	288·2	291·0	25th	283·6	281·4	26th	285·9	285·7	+0·6	0	-19
1122	Iquique	20 12	70 11	9	1016·0	1017·1	+ 0·3	290·3	291·9	25th	282·2	280·6	10th	286·3	288·0	-0·8	0	0
1123	øCatamarca	28 27	65 47	510	955·4	1014·3	- 1·0	298·0	305·5	11th	278·8	273·9	14th	288·4	288·1	+0·1	0	- 6
1124	Salta	24 46	65 28	1182	883·0	1014·6	0·0	296·6	305·0	24th	276·0	271·2	14th	286·3	286·2	-0·1	2	- 3
1125	Goya	29 9	59 15	26	1012·0	1015·1	0·0	298·4	304·5	12th	281·9	275·4	14th	290·1	289·7	+1·5	3	-34
1126	Asuncion	25 17	57 41	93	1005·9	1016·8	+ 1·2	299·8	308·7	25th	286·1	276·7	14th	293·0	292·4	+0·3	7	-34
1127	Curityba	25 25	49 17	908	915·1	1018·4	- 1·2	292·1	298·9	26th	280·3	270·3	15th	286·2	285·4	-0·9	86	+ 3
1128	Rio de Janeiro	22 54	43 10	18·3	1014·7	1016·9	- 1·9	297·4	306·6	13th	290·1	287·1	1st	293·8	293·4	-0·1	62	+17
1128a	25°-30° S. 50°-45° W.	††27 37	††47 55	§(45-46)	..	1019·5	..	..	..	Sea Temp. 291·0, -0·9	..	..	..	..	290·8	..	..	..
1128b	20°-25° S. 45°-40° W.	††22 24	††43 19	§(31-32)	..	1017·9	..	..	..	294·5, +0·2	..	..	..	..	293·6	..	..	..
1139	Windhoek	22 34	E. 17 5	1669	837·4	1016·8	..	295·2	297·1	10th	281·3	272·5	26th	288·3	287·5	+0·3	0	- 2
1140	O'Okiep	29 36	17 52	933	913·8	1019·9	- 0·4	292·3	300·6	21st	281·6	273·3	26th	286·9	286·3	+1·6	31	+ 9
1141	Kimberley	28 42	24 47	1202	886·5	1021·3	+ 0·1	293·8	299·2	24th	278·3	271·6	28th	286·0	285·6	+0·3	4	- 2
1141a	Johannesburg	26 11	28 4	1806	826·6	1022·5	- 0·3	290·4	294·3	22nd	278·1	270·1	27th	284·3	283·9	-1·1	2	-11
1142	øBulawayo	20 9	28 35	1349	871·7	1019·8	- 1·0	296·2	301·6	30th	280·8	276·1	5th	288·5	288·3	-0·6	0	0
1143	Durban	29 52	31 3	15·2	1019·0	1020·8	- 1·5	295·3	299·0	24th	287·3	284·1	27th	291·3	290·9	+0·2	83	+39
1144	Lourenço Marques	25 58	32 36	59	..	1021·0	- 0·7	298·8	309·5	30th	286·8	284·3	13th,27th	292·8	292·3	+0·4	2	-13
1147	Mauritius	20 6 S.	57 33 E.	55·2	1014·1	1020·6	+ 0·1	296·5	297·7	30th	290·2	286·3	29th	293·3	293·0	0·0	140	+80
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ††Mean latitude and longitude of the observations. §Number of observations. øChange of normals, see pages 113 and 114.

AUGUST - ZONE 11.(AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		S.	E.															
1159	Onslow	21 43	114 57	4·3	1014·4	1014·9	- 1·3	299·7	303·8	13th	285·2	281·9	20th	292·4	..	+0·3	0	[illegible]
1160	Cue	27 27	117 52	454	965·7	1018·1	- 0·5	293·4	300·9	16th	280·8	278·8	20th	287·1	..	+0·1	4	[illegible]
1161	Nullagine	21 53	120 5	386	972·0	1015·7	- 1·0	301·2	305·0	17th	281·7	274·4	7th	291·4	..	+0·7	0	[illegible]
1162	Laverton	28 40	122 23	466	964·2	1017·9	- 1·8	294·4	302·2	16th	280·4	274·1	6th	287·4	287·3	+1·3	20	[illegible]
1163	Alice Springs	23 38	133 37	587	950·9	1017·6	0·0	298·3	305·2	31st	279·0	274·1	3rd,10th	288·7	288·5	+1·1	0	[illegible]
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
1164a	øBoulia	22 55	139 38	146	999·9	1017·0	+ 0·1	298·8	305·2	31st	280·4	275·1	7th	289·6	289·4	-0·5	0	[illegible]
1165	øThargomindah	27 58	143 43	123	1003·9	1018·5	- 0·6	295·1	300·9	15th	278·5	274·2	21st	286·8	286·5	-0·6	0	[illegible]
1166	øMitchell	26 32	147 52	336	979·6	1018·5	- 0·9	295·1	300·6	16th	273·4	269·1	18th,24th	284·3	..	-1·3	1	[illegible]
1167	øRockhampton	23 24	150 30	11·3	1016·3	1017·8	- 1·0	297·9	301·9	29th	282·8	279·0	11th	290·3	..	-0·7	18	[illegible]
1168	øBrisbane	27 28	153 2	41·8	1013·1	1017·6	- 1·5	295·7	300·2	9th	280·9	277·4	12th	288·3	287·8	-0·5	7	[illegible]
1170	øNorfolk Island	29 4	167 59	15·2	1014·0	1015·9	- 2·4	293·1	299·7	30th	286·3	283·6	5th	289·7	289·2	+0·8	109	[illegible]
		S.	E.															

AUGUST - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	980·8	1022·3	..	285·6	288·6	5th	281·5	278·8	12th	283·5	282·7	..	96	[illegible]
1221a	Punta Tumbes	36 37	73 6	120	1005·4	1020·1	+ 1·3	286·9	291·1	18th	280·8	277·5	12th	283·9	283·1	+0·7	96	[illegible]
1222	øPunta Angeles, Valparaiso	33 1	71 38	41	1014·0	1019·0	+ 0·6	289·8	296·9	22nd	282·1	279·6	14th	285·9	285·5	+0·4	27	[illegible]
1222a	Santiago	33 27	70 42	520	957·6	1019·0	+ 0·2	290·7	299·7	18th	277·3	273·1	sev. dates	284·0	283·2	+1·2	29	[illegible]
1223	Cordoba	31 25	64 12	423	965·8	1015·5	- 1·2	295·6	306·6	11th	276·8	270·6	13th	286·2	285·9	+1·0	8	[illegible]
1224	Bahia Blanca	38 45	62 15	25	1011·6	1014·7	- 2·4	289·2	295·7	9th	277·3	269·4	3rd	283·3	283·0	+0·6	15	[illegible]
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1013·7	1016·7	- 1·8	291·3	299·1	11th	280·5	273·2	23rd	285·9	285·2	+1·6	33	[illegible]
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1015·2	- 2·1	..	297·1	11th	..	276·9	13th	..	285·7	+0·4	45	[illegible]
1226a	Porto Alegre	30 2	51 13	23·5	1014·9	1017·7	- 1·1	294·0	301·6	11th	281·9	276·7	15th	287·9	287·7	+0·2	66	[illegible]
1226b	30°-35° S. 55°-50° W.	††33 3	††52 4	§(39-42)	..	1018·4	..	..	..	Sea Temp. 286·4 | -0·4	..	..	..	..	286·8	..	..	[illegible]
			W.															
1239	Cape Town	33 56	E. 18 29	12·2	1018·5	1020·0	+ 0·1	291·9	303·8	16th	282·4	277·8	27th	287·2	285·8	+1·1	129	[illegible]
1240	Danger Point	34 37	19 18	27·7	1016·1	1019·4	+ 0·2	289·7	294·7	20th	283·3	277·4	27th	286·5	..	+0·4	107	[illegible]
1241	Riversdale	34 6	21 16	61·0	..	..	..	295·4	304·8	22nd	278·6	272·0	11th	287·0	..	+0·8	36	[illegible]
1242	East London	33 2	27 55	44·8	1014·0	1019·3	- 0·6	295·5	309·7	22nd	284·7	278·6	26th	290·1	..	+1·5	35	[illegible]
1259	Perth (Observatory)	31 57	115 51	60·0	1009·9	1017·2	- 1·6	290·7	294·1	21st	282·8	276·3	19th	286·7	286·7	+0·4	165	[illegible]
1260	Katanning	33 42	117 35	310	978·4	1015·3	- 2·6	288·3	293·0	21st	278·7	273·1	20th	283·5	..	+0·1	56	[illegible]
1261	Coolgardie	30 57	121 10	423	967·8	1017·1	- 1·9	291·2	297·9	16th	279·2	275·1	20th,26th	285·2	285·1	+0·2	12	[illegible]
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
1263	Streaky Bay	32 48	134 13	13·1	1016·1	1017·6	- 1·9	290·2	295·8	14th	282·6	276·3	21st	286·4	286·1	+0·7	63	[illegible]
1264	Adelaide	34 56	138 35	42·7	1011·8	1016·9	- 2·3	289·4	296·2	30th	281·0	277·7	20th	285·2	285·1	0·0	96	[illegible]
1265	Melbourne	37 49	144 58	35·1	1010·5	1014·9	- 3·1	287·3	294·0	26th	279·7	275·7	24th	283·5	283·1	-0·1	49	[illegible]
1266	Bourke	30 13	145 58	110	1007·9	1021·1	- 0·2	293·9	300·2	15th	277·9	274·7	11,18,23	285·9	..	-0·8	0	[illegible]
1267	Sydney	33 51	151 13	42·1	1010·2	1015·8	- 2·3	291·5	298·4	15th,19th	280·6	276·8	18th	286·1	285·3	+0·3	8	[illegible]
1268	øLord Howe Island	31 20	159 0	4·6	1014·7	1015·2	- 3·4	291·3	295·7	1st	285·5	281·3	13th	288·4	..	-0·2	84	[illegible]
1271	Auckland	36 50	174 50	38·1	..	1008·9	- 5·9	286·9	288·6	4,12,31	280·6	278·0	2nd,28th	283·7	..	-0·5	177	[illegible]
1272	Napier	39 29	176 55	1·5	..	..	..	286·3	289·7	7th	277·8	273·0	29th	282·1	..	-0·8	55	[illegible]
		S.	E.															

AUGUST - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
1321	Isla Guafo	43 34	74 45	140	999·6	1016·7	+ 2·2	282·3	284·0	sev. dates	277·5	275·4	24th	279·9	280·5	+0·3	88	[illegible]
1322	Punta Galera	40 1	73 44	40	1014·6	1019·5	+ 2·3	284·5	286·4	2nd	280·9	276·8	12th	282·7	282·6	+0·9	271	[illegible]
1323	øSarmiento	45 34	69 0	272	976·5	1009·4	- 2·9	284·4	290·1	19th	274·6	266·0	12th	279·5	279·3	+1·0	1	[illegible]
1324	øPuerto Madryn	42 49	W. 64 58	14	1009·8	1011·5	- 2·1	288·9	294·7	23rd	275·7	266·3	12th	282·3	282·6	+1·1	4	[illegible]
1365	Launceston	41 27	E.147 10	10·1	1007·9	1009·1	- 5·5	286·2	291·3	29th	276·3	272·4	8th	281·2	280·7	-0·2	101	[illegible]
1366	Hobart	42 53	147 20	53·9	1001·8	1008·4	- 4·9	285·4	292·0	31st	278·1	274·1	3rd	281·8	281·3	-0·1	30	[illegible]
1370	Invercargill	46 25	168 21	3·7	..	..	..	283·4	286·9	23rd	274·3	270·2	11th	278·9	..	-0·7	42	[illegible]
1371	Dunedin	45 52	170 31	6·1	..	1008·4	- 4·8	283·0	286·9	13th,14th	275·9	273·0	27th,28th	279·4	..	-0·3	102	[illegible]
1371a	Christchurch	43 31	172 39	7·6	..	1007·7	- 5·1	282·8	288·3	8th	275·6	271·4	5th	279·2	..	-0·6	69	[illegible]
1372	Wellington	41 16	174 46	3·0	..	1007·7	- 6·8	285·2	290·3	31st	278·9	272·6	29th	282·1	..	-0·1	187	[illegible]
		S.	E.															

AUGUST - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·2	1000·9	- 1·2	278·8	281·4	17th	275·7	271·0	30th	277·3	277·5	+0·3	330	[illegible]
1422	Puerto de Punta Arenas	53 10	70 54	28	996·7	1000·2	- 3·6	277·9	282·7	25th	274·0	270·3	31st	275·9	275·9	+0·3	66	[illegible]
1423	øPunta Dungeness	52 24	68 26	5	998·7	999·3	- 3·3	277·2	280·5	4th	273·4	268·5	30th	275·3	275·7	-0·2	27	[illegible]
1424	Santa Cruz	50 1	68 31	12	1001·3	1002·8	- 3·4	281·8	288·2	20th	273·1	266·9	31st	277·5	277·5	+1·0	26	[illegible]
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	994·7	- 9·0	277·9	283·0	2nd	271·9	265·2	30th	274·9	..	-0·7	57	[illegible]
1426	Cape Pembroke	51 41	57 42	21·3	994·0	996·6	- 7·2	277·9	281·9	1st	273·7	267·4	30th	275·8	275·6	-0·3	..	[illegible]
1429	øS. Georgia (Cumberland Bay)	54 14	36 33	4	990·5	991·0	- 8·3	271·8	276·3	8th	267·0	263·3	31st	269·4	269·4	-1·9	174	[illegible]
		S.	W.															

AUGUST - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		S.	W.															
1527	South Orkneys	60 44	44 39	7	995·6	996·4	+ 1·2	259·4	272·9	22nd	250·2	239·4	24th	254·8	255·3	-8·0	17	[illegible]
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations.
øChange of normals, see pages 114 and 115.

RÉSEAU MONDIAL, SEPTEMBER 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF SEPTEMBER, 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N.

SEPTEMBER - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
		N.	W.															
101	Wrangell Island	70 50	178 3	? 2	1017·0	1017·3	..	275·0	279·3	8th	269·0	258·5	27th	272·0	..	..	46	..
105	øBarrow	71 23	156 17	7·0	..	1016·9	..	273·5	281·3	11th	268·7	264·7	22nd	271·1	..	-1·0	1	- 3
125	Upernivik	72 47	56 7	19·2	1012·3	1014·6	+ 6·2	279·3	284·4	6th	274·2	269·5	28th	276·7	276·2	+2·4	12	-15
131	Myggbukta	73 30	21 30	3·2	..	1018·9	..	..	278·5	5th	..	263·3	29th	..	271·5	..	2	..
132	Scoresbysund	70 29	21 58	16·9	1015·4	1017·5	..	276·1	281·1	6th	269·8	267·5	17,21,22	272·9	273·1	..	0	..
135	øJan Mayen	70 59	W. 8 18	23·1	1010·4	1013·2	+ 5·5	..	281·6	6th	274·4	270·3	28th	..	276·2	0·0	21	-29
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1011·2	1012·5	+ 4·6	..	280·2	2nd	271·2	264·0	30th	..	272·5	-0·6	35	+10
140	Björnöen	74 28	19 17	40·5	1005·1	1010·2	+ 3·8	..	284·0	3rd	272·6	268·6	27th	..	273·7	-2·0	15	-35
141	Ingöy	71 4	24 6	7·5	1005·5	1006·4	- 0·8	..	286·0	3rd	277·3	274·0	24th	..	279·1	-0·9	79	+18
142	Mehavn	71 1	27 47	10·2	1006·0	1007·2	- 1·0	..	286·1	3rd	276·6	271·8	17th	..	278·3	-1·2	132	+49
143	Vardö	70 22	31 6	11·8	1005·0	1006·4	- 2·3	..	285·2	2nd	276·9	273·9	29th	..	278·7	-0·5	67	+ 7
147	Malye Karmakouly	72 23	52 43	15·3	1002·7	1004·6	- 4·4	278·2	281·4	24th	274·5	271·1	19th	276·3	276·2	+0·8	31	- 8
148	Waigatz	70 24	58 47	11·2	1001·2	1002·6	..	278·9	282·7	23rd	275·5	273·1	16th	277·2	277·2	+1·2	46	+17
153	Dickson	73 31	80 23	13·0	1004·0	1005·6	- 2·6	277·7	281·8	2nd	274·6	268·9	27th,28th	276·1	276·3	+4·8	26	+ 2
162	Bouloune	70 45	127 47	35	1009·4	1013·8	..	..	..	..	273·6	268·1	21st	..	277·5	+2·6	16	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N.

SEPTEMBER - ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	1014·3	1020·1	..	..	..	..	273·1	268·2	27th	..	275·8	..	30	..
203	Nome	64 30	165 24	6·7	1010·2	1010·8	+ 4·3	279·5	286·9	6th	270·6	265·2	21st	275·1	275·1	-3·2	26	-42
204	Candle	65 55	161 57	2·4	..	..	..	?278·1	..	..	?269·4	?261·3	22nd	?273·7	..	-3·7	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	282·2	289·7	24th	272·8	265·2	28th	277·5	..	..	57	..
205	Tanana	65 10	152 6	69·5	1002·9	1011·2	+ 1·7	280·3	288·0	7th	271·1	264·1	17th	275·7	275·5	-2·0	44	+ 3
206	Rampart	65 30	150 15	114	..	..	..	279·7	285·2	8th,9th	270·8	266·3	12,13,24	275·3	..	-2·9	45	+10
207	Valdez	61 7	146 16	122	..	..	..	284·6	289·7	6th	276·3	271·3	30th	280·4	..	..	199	..
208	Eagle	64 46	141 12	248	979·0	1009·8	+ 0·2	282·4	292·4	19th	272·9	261·9	23rd	277·7	277·5	-0·9	43	+11
209	Dawson	64 4	139 29	324	970·7	1010·0	- 0·4	283·0	290·2	7th	273·0	264·7	22nd	278·0	277·7	-0·3	33	- 4
210	Carcross	60 11	134 34	662	..	..	..	282·9	289·1	20th	273·1	268·0	14th	278·0	..	-2·3	12	-13
210a	Mayo Landing	63 35	135 31	?579	950·2	1019·6	..	284·1	291·3	19th,20th	273·0	261·3	14th	278·6	278·6	..	35	..
211	Fort Good Hope	66 25	128 53	65·2	1008·2	1016·4	+ 5·5	279·8	290·8	7th,8th	270·2	259·7	23rd,24th	275·0	..	-1·9	37	+19
212	øFort Simpson	61 52	121 35	129	995·7	1011·6	+ 0·9	284·4	297·4	9th	273·7	269·1	24th	279·1	..	-1·7	118	+75
213	Hay River	60 51	115 20	161	991·2	1010·7	0·0	288·6	301·3	7th	275·8	266·9	25th	282·2	..	+1·2	66	+26
225	Jacobshavn	69 13	51 2	31·6	1006·7	1010·6	+ 3·2	281·4	288·5	11th	275·2	271·3	25th	278·3	277·8	+2·8	6	-29
226	Godthaab	64 11	51 43	20·4	..	..	..	282·7	286·8	6th	276·0	272·2	30th	279·3	278·4	+2·2	11	-72
227	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
229	Angmagsalik	65 37	37 33	29·3	1010·6	1014·3	+ 6·3	281·1	291·2	14th	273·7	269·5	25th	277·4	277·2	+1·1	54	-44
231	Stykkisholm	65 5	22 46	25	..	1009·2	+ 2·5	283·5	288·9	6th	277·5	271·2	26th	280·5	280·1	+0·3	13	-56
232	Vestmanno	63 24	20 17	132	..	1006·6	+ 0·3	283·5	287·3	7th	278·7	274·2	21st	281·1	280·7	+0·2	69	-76
233	Grimsey	66 33	18 1	22·0	..	1009·8	+ 2·0	280·4	288·2	5th	276·8	272·7	27th	278·6	278·3	-0·4	54	+20
234	Teigarhorn	64 41	14 22	18·0	..	1007·5	+ 0·1	283·7	290·9	3rd	277·8	272·1	27th	280·7	280·2	+0·3	165	+42
235	Højvig	62 3	6 45	22·9	1001·9	1004·7	- 5·3	283·4	287·6	2nd	279·4	274·3	27th	281·4	281·5	-0·7	123	+ 3
236	Lerwick	60 8	W. 1 11	18·0	..	1003·1	- 8·3	285·4	290·2	5th	281·6	277·4	21st	283·5	283·6	+0·2	91	+15
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	998·3	1003·6	- 8·1	288·6	296·1	7th	282·0	276·9	22nd	285·3	284·9	+1·0	198	+ 4
238	Aalesund	62 28	6 10	6·3	1003·4	1004·2	- 6·2	..	292·0	1st	282·2	277·0	15th	..	284·6	+0·8	73	-84
239	Trondhjem	63 26	10 25	59·2	998·3	1005·5	- 5·7	285·8	292·4	2nd	278·7	272·6	28th	282·3	282·2	-0·2	64	-18
240	Bodö	67 17	14 24	22·3	1003·3	1006·0	- 3·5	..	293·3	2nd	279·6	275·4	12th	..	282·2	+0·5	67	-46
241	Haparanda	65 50	24 9	9·2	1006·0	1007·1	- 3·4	283·6	292·5	3rd	276·2	270·0	12th	279·9	279·9	-0·8	46	-14
242	Helsingfors	60 10	24 57	11·7	1007·1	1008·5	- 4·7	287·5	293·6	7th	280·7	274·4	15th	284·1	284·0	+0·3	78	+14
242a	Kuopio	62 55	27 40	233	980·6	1008·8	- 2·7	284·3	291·7	2nd	277·6	273·2	9th	280·9	280·6	-1·2	49	-15
243	Kola	68 53	33 0	6·7	1005·9	1006·7	- 2·8	281·7	290·2	3rd	275·3	270·9	11th	278·5	278·4	-0·7	39	+ 2
244	Petrozavodsk	61 47	34 23	79·0	998·8	1008·4	- 4·7	285·2	293·2	3rd	278·0	272·5	10th	281·6	281·6	-0·5	60	- 2
245	Arkhangelsk	64 34	40 31	6·3	1006·0	1006·8	- 4·8	283·1	290·2	3rd	277·5	273·2	18th	280·3	280·0	-1·0	73	+18
246	Mezen	65 50	44 16	14·9	1003·8	1005·6	- 4·7	281·4	284·8	27th	275·4	270·3	19th	278·4	278·2	-1·0	102	+53
247	Oust-Tsylma	65 25	52 18	68	995·6	1004·0	- 6·6	281·3	285·5	4th	275·8	271·7	14th	278·5	278·3	-1·2	96	+42
248	øTcherdyn	60 24	56 31	?208	981·5	1006·5	- 6·1	285·3	296·7	14th	278·2	272·5	11th,19th	281·8	281·1	+0·1	90	+20
249	Berezov	63 56	65 4	46	998·7	1004·3	- 6·7	284·8	290·3	27th	277·5	272·3	16th	281·2	281·0	+1·7	99	+57
250	Obdorsk	66 31	66 36	35·2	1000·4	1004·7	- 7·0	281·9	288·3	23rd	276·3	272·0	22nd	279·1	278·9	+0·9	68	+28
251	New Port	67 42	72 57	3·3	..	..	..	282·0	286·8	1st	277·0	273·0	5th,14th	279·5	279·6	..	66	..
252	Sourgout	61 15	73 24	40	1001·6	1006·4	- 5·9	..	..	..	..	..	..	..	283·5	+2·8	45	- 3
253	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Vilioujsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	991·4	1011·4	..	286·7	290·8	7th	276·2	269·2	30th	281·4	281·2	..	21	..
268	Naiakhan	61 55	158 59	29·0	1010·6	1014·2	..	285·2	291·5	4th	277·1	271·1	29th	281·2	282·4	..	48	..
271	Novo Mariinskii Post	64 45	177 33	? 17	..	..	..	..	284·2	14th	..	267·7	29th	..	277·7	+0·7	7	-21
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
øChange of normals, see pages 105 and 106.

SEPTEMBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	284·4	289·7	2nd	278·6	274·1	17th,30th	281·5	..	..	82	
302	St. Paul Island	57 15	170 10	12·2	..	1008·4	+ 1·7	280·6	283·0	1st,3rd	277·2	273·6	27th	278·9	..	-1·2	82	
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1002·7	1003·0	- 4·4	286·4	294·1	20th	277·5	271·9	5th	281·9	*281·9*	+0·3	62	
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	
305	§Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	..	
306	§Kodiak (Radio)	57 47	152 22	4·6	1004·6	1005·4	- 1·9	286·1	290·8	20th	275·2	269·7	24th	..	..	..	62	
											279·3	274·7	29th	282·7	*282·5*	-0·3	‡111	
309	Sitka	57 3	135 19	19·8	..	..	..	289·7	298·0	20th	281·1	275·8	13th	285·4	..	+1·4	342	
310	Prince Rupert	54 18	130 18	51·8	1006·2	1012·5	- 1·6	289·1	298·0	19th	280·6	276·3	6th,13th	284·9	*284·9*	0·0	244	
311	Barkerville	53 2	121 35	1274	867·1	1010·7	- 2·6	285·6	292·4	21st	275·2	267·4	14th	280·5	*280·1*	+0·1	96	
312	Kamloops	50 41	120 29	385	969·8	1014·9	- 2·7	292·8	297·4	22nd,23rd	282·7	277·6	18th	287·8	*287·8*	+0·4	38	
313	Calgary	51 2	114 2	1045	892·7	1011·4	- 0·9	289·7	298·6	3rd	276·9	270·2	15th	283·3	*282·7*	-0·1	111	
314	Fort Chipewyan	58 42	111 10	218	..	..	..	286·2	29 ·9	9th	277·7	269·1	25th	281·9	*282·4*	+2·0	34	
315	Prince Albert	53 10	105 38	442	959·1	1011·3	- 1·0	290·2	303·0	8th	278·0	267·4	25th	284·1	*283·7*	+1·1	111	
316	Qu'Appelle	50 30	103 47	645	935·8	1010·9	- 1·6	289·7	301·9	6th,7th	276·6	266·3	28th	284·1	*283·4*	+0·2	151	
317	Minnedosa	50 15	99 50	515	951·9	1012·2	- 1·7	290·1	302·2	4th	279·4	266·3	26th	284·7	*284·2*	+0·6	27	
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	..	..	..	..	..	..	134	
318a	Port Nelson	57 0	92 51	14·9	1007·4	1009·2	- 3·3	286·3	300·8	8th	279·7	271·9	23rd,25th	283·0	..	+3·2	34	
319	Pagwa	50 3	85 18	189	..	..	..	292·8	303·0	10th	276·2	266·3	28th	284·5	..	+0·4	90	
320	Moose Factory	51 14	80 30	9·1	1010·2	1011·3	- 2·3	288·6	302·4	2nd	278·0	270·8	25th	283·3	..	-0·5	120	
321	Fort George	53 50	79 5	97·5	..	..	..	?286·8	?299·1	2nd	?277·9	?273·0	7th	?282·3	..	+1·3	..	
322	Mistassini Post	50 15	73 55	383	..	..	..	284·0	291·9	3rd	..	..	..	..	..	..	131	
324	Natashquan	50 8	61 48	6·1	..	..	..	288·4	294·1	1st	278·6	273·0	29th	283·5	..	+1·7	67	
326	Belle Isle	51 53	55 23	130	992·1	1008·2	- 4·0	282·9	288·6	4th	278·4	274·1	27th	280·7	*280·5*	0·0	34	
										Sea Temp.	285·1	-1·7					
331	55°-50° N. 30°-25° W.	††53 36	††27 30	§(20)	..	1007·1	..	..	..	287·4-1·2	..	..	..	..	..	..	..	
333	53°-46° N. 20°-15° W.	††50 53	††17 35	§(24)	..	1010·2	..	..	..	..	..	..	..	285·1	..	..	..	
333a	62°-57° N. 20°-15° W.	..	..	..	..	..	..	..	..	..	..	..	..	287·1	..	..	..	
334	Cabiriveen (Valentia Obs.)	51 56	10 15	13·7	1008·9	1010·5	- 5·1	287·9	290·9	4th	283·1	277·3	23rd	285·5	285·7	-0·9	126	
335	Aberdeen	57 10	W. 2 6	26·0	1001·8	1005·0	- 8·4	285·9	291·2	1st	280·8	277·3	20th	283·3	283·4	-1·0	162	
336	Greenwich	51 28	0 0	46·3	..	1009·3	- 6·9	291·0	297·4	2nd	282·4	274·7	27th	286·7	286·2	-0·6	103	
337	Uccle	50 48	E. 4 22	100	998·4	1010·3	- 6·1	292·8	299·1	1st	283·6	277·0	28th	288·2	287·1	+0·4	107	
338	De Bilt	52 6	5 11	3·0	1008·7	1009·1	- 7·3	291·6	300·7	2nd	284·0	277·5	28th	287·8	287·1	+0·2	101	
338a	Hamburg	53 33	9 58	40·3	1005·0	1009·8	- 6·5	291·1	300·9	7th	283·6	278·0	29th	287·3	*286·5*	-0·1	109	
339	†Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1007·8	1008·4	- 6·9	289·9	295·3	4th	283·3	277·4	15th	286·6	*286·5*	+1·4	51	
340	Potsdam	52 23	13 4	84·9	1001·0	1011·1	- 5·7	292·1	300·6	7th	283·2	278·2	28th	287·7	287·2	+0·9	34	
340a	Uppsala	59 51	17 38	24	1004·7	1007·6	- 5·1	288·5	296·0	6th	278·8	271·6	14th	283·7	283·5	+0·3	84	
341	Warsaw	52 13	21 3	89·9	1002·3	1013·0	- 5·3	292·3	298·6	8th	282·6	276·9	16th	287·5	*287·3*	..	51	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1000·2	1010·0	- 4·2	288·7	293·0	8th	280·4	274·9	23rd	284·5	284·4	+0·8	84	
343	Leningrad	59 56	30 16	8·6	1008·2	1009·2	- 4·4	287·2	291·3	3rd	280·8	276·7	23rd	284·0	*284·0*	+0·4	96	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	
344a	Moscow	55 50	37 33	167	991·8	1011·8	- 4·2	289·6	298·9	26th	280·8	274·3	24th	285·2	*284·9*	+2·0	75	
345	Saratov	51 32	46 2	127	999·8	1015·0	- 1·4	294·0	301·1	26th	282·7	275·5	18th	288·3	*288·0*	+2·4	44	
346	Kazan	55 47	49 8	79·9	1001·9	1011·5	- 4·6	289·9	299·2	13th	281·8	276·1	18th	285·9	*285·3*	+1·3	47	
347	Orenburg	51 45	55 6	109	1001·9	1015·0	- 2·8	293·7	303·2	15th	280·9	272·1	19th	287·3	*287·0*	+0·9	45	
348	Perm	58 1	56 16	163	989·2	1008·8	- 5·6	287·1	297·2	14th	279·6	271·9	19th	283·4	*283·0*	+0·9	84	
349	Sverdlovsk	56 50	60 38	281	975·5	1009·0	- 5·2	288·0	299·2	15th	279·2	272·4	11th	283·6	*283·2*	+1·4	64	
350	§Tobolsk	58 12	68 14	108	996·6	1009·6	- 4·9	..	..	..	279·7	273·7	11th	..	*284·2*	+1·7	68	
351	§Akmolinsk	51 12	71 23	353	973·4	1015·2	- 3·0	293·2	302·0	22nd	277·7	270·3	20th	285·4	*285·2*	+1·0	9	
352	§Omsk	55 1	73 19	108	999·5	1012·5	- 3·5	292·2	301·2	23rd	278·7	273·0	27th	285·4	*285·4*	+1·7	23	
353	Barnaoul	53 20	83 48	158	995·8	1014·8	- 2·5	292·3	300·2	19th	278·2	271·4	13th	285·2	*284·8*	+1·2	42	
354	Tomsk	56 30	84 58	122	998·3	1013·0	- 3·0	291·3	299·6	17th	279·7	275·3	12th	285·5	*284·8*	+2·7	49	
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	
362	Blagovyeshchensk (Bureau Météon.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1005·1	1010·2	- 0·6	287·4	296·1	11th	278·8	271·6	26th	283·1	283·4	-0·5	54	
366	Okhotsk	59 21	143 17	5·5	1011·9	1012·6	+ 1·2	285·6	292·3	10th	278·1	272·6	28th	281·8	*281·1*	+0·7	270	
368	Petropavlovsk (Phare)	52 53	158 43	87·1	1001·6	1012·2	+ 2·0	..	..	..	280·6	275·2	27th	..	*282·1*	0·0	15	
369	Kluchevskoye	56 21	160 48	? 30	1010·2	1013·8	..	..	..	..	278·7	269·4	30th	..	*282·2*	..	16	
370	Nikolskoe	55 12	165 59	6·8	1012·4	1013·2	..	284·9	289·2	4th	280·0	275·6	29th	282·4	..	..	45	
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulas employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 and 107.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

SEPTEMBER - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1005·7	1014·1	- 2·3	290·1	298·3	19th	283·6	281·3	6th	286·8	286·3	+0·4	50	+ 4
412	Portland, Oregon	45 32	122 41	46·6	1009·7	1015·2	- 1·6	293·8	301·9	18th	285·4	281·3	15th	289·6	*289·0*	+0·5	140	+93
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	290·2	297·4	28th	278·8	272·4	25th	284·5	*284·3*	-0·1	100	+68
414a	Salt Lake City	46 34	112 4	1253	872·4	1013·2	- 2·1	291·7	302·4	6th	279·2	274·1	15th	285·4	*285·4*	-0·8	14	-17
415	Cheyenne	40 46	111 54	1329	865·0	1010·8	- 2·7	296·4	304·7	3rd	284·3	275·2	30th	290·3	*290·7*	-1·0	53	+29
416	North Platte	41 8	104 48	1856	813·4	1012·8	- 2·0	293·2	300·2	10th	279·6	268·0	26th	286·4	*286·8*	-0·4	26	- 3
416a	Bismarck	41 8	100 45	860	915·6	1013·5	- 2·1	299·2	307·4	1st	283·7	272·4	27th	291·4	*291·0*	+1·0	80	+45
417	Winnipeg	46 47	100 38	510	953·5	1013·5	- 1·5	294·4	306·3	13th	281·1	269·1	27th	287·8	*287·8*	+0·3	12	-20
418	Duluth	49 53	97 7	232	984·8	1012·4	- 1·3	292·7	304·4	13th	281·4	270·8	25,26,28	287·1	*286·9*	+2·0	65	+ 9
419	Port Arthur	48 27	89 12	196	990·0	1013·2	- 2·4	292·4	304·1	15th	283·6	273·6	26th	288·0	*287·3*	+3·4	87	+ 3
420	Chicago	41 47	87 35	205	990·8	1015·2	- 2·0	297·9	308·0	13th	289·3	278·0	21st	293·6	*292·9*	+1·5	171	+92
421	Toronto	43 40	79 24	116	1001·7	1015·4	- 2·4	295·6	304·1	15th	284·7	277·0	24th	290·2	*289·8*	+1·5	28	-40
422	§New York (Central Park)	40 47	73 58	47·4	1011·0	1016·6	- 2·3	297·8	306·3	15th	288·1	283·0	24th	292·9	*292·6*	+0·2	108	+18
423	St. John, N.B.	45 17	66 4	36·3	1009·3	1013·7	- 3·8	290·4	296·2	7th	282·5	274·1	28th	286·5	*285·9*	+0·2	140	+45
424	S.W. Point, Anticosti	49 24	63 33	9·1	1010·5	1011·6	- 1·7	285·0	289·7	4th	280·1	275·2	10th	282·5	*282·7*	+0·2	48	-21
424a	Sable Island (Main Station)	43 57	60 6	7·6	1014·0	1014·9	- 2·6	290·2	295·8	3rd	286·9	283·0	28th	288·6	*288·1*	+0·3	53	-33
425	Port aux Basques	47 35	59 10	9·1	1010·1	1011·2	- 4·2	287·1	292·2	1st	281·6	275·5	29th	284·3	*284·1*	0·0	104	-10
426	St. John's, Newfoundland	47 34	52 42	74·1	1002·5	1011·4	- 3·2	287·7	295·2	3rd	281·8	277·4	20th,28th	284·8	*285·2*	-0·3	70	-26
435	Madrid																	
436	Nantes	40 24	3 41	667	941·4	1017·4	+ 0·8	297·2	304·2	1st	285·5	277·0	29th	291·4	*290·4*	-0·3	6	-29
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1008·7	1013·1	- 4·6	291·6	296·4	4th	284·4	278·7	28th	288·0	287·7	-0·9	104	+50
438	Marseille	48 49	E. 2 30	50·3	1006·7	1012·7	- 5·1	292·2	298·1	6th	284·1	277·1	28th	288·2	287·8	+0·1	71	+18
438a	Zürich	43 18	5 23	75	..	1013·8	- 2·4	297·2	302·8	20th	286·2	280·6	27th	291·7	*290·7*	-1·4	49	-12
439	Rome	47 23	8 33	493	957·6	1014·9	- 3·6	292·9	300·6	21st	283·6	278·8	28th	288·3	287·3	+0·3	155	+52
440	Vienna	41 54	12 27	45·5	1009·2	1014·5	- 2·2	300·1	305·0	1st	290·5	286·8	15th	295·3	*294·9*	+1·0	84	+19
440a	Budapest	48 15	16 22	203	989·8	1013·7	- 3·9	292·7	298·0	22nd	285·3	280·8	30th	289·0	288·8	+0·3	51	+ 1
442	§Sofia	47 31	19 1	130	999·0	1014·4	- 3·1	296·4	303·5	25th	285·9	280·9	14th	291·1	290·5	+1·4	60	+ 5
	Bucharest	42 42	23 20	550	952·4	1015·2	- 2·6	298·2	305·9	26th	285·9	281·0	15th	292·1	*291·4*	+2·1	21	-32
443	Odessa (Observatory)	44 25	26 6	82	1005·5	1015·1	- 2·4	299·3	307·8	26th	286·8	282·9	20th	293·1	292·9	+2·4	44	+ 4
444	Kharkiv (University)	46 26	30 46	42·8	1010·3	1015·3	- 2·6	..	302·1	22nd	..	284·8	21st,22nd	..	*292·5*	+2·7	6	-26
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	
445	Tiflis	44 44	37 49	37·1	1010·2	1014·5	- 1·5	298·7	304·4	26th	289·5	283·5	22nd	..	..	..	..	
446	Astrakhan	41 43	44 48	404	968·8	1014·8	- 1·4	300·2	308·0	2nd	288·2	282·6	23rd	294·1	*293·9*	+1·8	20	-34
447	Fort Alexandrovsk	46 21	48 2	-20·0	1019·1	1016·7	- 1·2	297·3	302·9	1st	287·1	282·2	18th	294·2	*293·8*	+1·7	25	-25
448	Krasnovodsk	44 31	50 7	-23·0	1019·5	1016·8	- 0·2	297·8	303·8	1st	290·5	286·1	17th	294·2	*293·9*	+1·7	5	- 9
		40 0	52 59	-4·6	1014·7	1014·0	- 1·3	302·3	308·5	1st	293·7	289·3	11th	298·0	*297·9*	+2·1	0	-15
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	283·4	277·3	20th	..	*290·3*	+1·4	1	- 4
450	Tashkent	41 20	69 18	478	959·1	1013·7	- 0·6	300·9	306·5	3rd	285·2	278·7	29th	293·1	*292·7*	+0·8	23	+15
451	Naryuskoe	41 26	76 13	2015	..	..	..	291·7	297·0	4th	277·3	271·2	29th	284·5	*284·1*	+0·6	1	- 3
452	Alma Ata	43 18	76 53	841	920·2	1014·8	- 0·2	295·7	304·0	3rd	284·5	279·1	29th	290·1	*290·1*	-1·2	33	+18
461	Moukden	41 48	123 23	43·8	1007·2	1012·4	- 1·4	298·9	304·2	8th	285·3	279·0	18th	292·1	291·2	+1·3	36	+ 9
462	Joshin	40 40	129 11	31·9	1009·4	1013·2	- 0·6	295·7	299·6	11th	285·6	283·0	22nd,24th	290·7	290·3	+1·5	31	-47
463	Yuki	42 20	130 24	63·8	1004·9	1012·5	- 1·1	293·6	298·1	2nd	284·9	279·4	22nd	289·3	289·3	-0·4	54	-64
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	-0·3	55	-51
465	Ochiai	47 20	142 47	27·4	1007·3	1010·6	- 2·0	291·3	297·3	9th	280·4	273·8	26th	285·9	285·9	+0·2	93	-21
466	Nemuro	43 20	145 35	26·7	1008·9	1012·1	- 1·8	292·3	296·1	1st	285·7	281·0	27th	289·0	288·8	+0·7	97	-44
466a	Syana	45 14	147 53	39·3	1007·1	1011·8	- 2·1	290·5	295·3	1st	282·1	275·7	14th	286·3	286·4	+0·1	66	-31
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

SEPTEMBER - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
506	35°-30° N. 145°-140° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1007·2	1012·8	- 1·3	293·7	297·4	16th	286·1	284·7	23rd	289·9	*289·4*	+1·4	0	- 8
512	San Luis Obispo	35 18	120 39	61·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
512a	Sacramento	38 35	121 30	21·0	1008·8	1011·2	- 1·1	300·4	306·3	1st	285·8	282·4	14th	293·1	*293·5*	-0·6	0	- 7
513	San Diego	32 43	117 10	28·5	1007·6	1010·5	- 1·6	284·8	298·0	4th	289·5	288·0	10th	292·1	*291·8*	-0·3	1	- 1
514	Modena	37 48	113 54	1868	831·6	1009·5	- 3·1	296·4	302·4	20th	280·2	274·1	29th	288·3	*288·9*	+0·4	36	+10
515	Santa Fé	35 41	105 57	2138	788·8	1011·2	- 1·7	294·7	299·1	1st	283·2	274·7	28th	288·9	*288·5*	0·0	57	+18
516	Denver	39 45	105 0	1613	837·4	1013·2	- 1·8	296·1	303·0	10th	283·2	270·8	26th	289·7	*289·8*	-0·2	27	+ 1
517	Abilene	32 23	99 40	530	953·3	1013·2	- 1·5	303·4	312·4	1st	291·8	280·8	27th	297·6	*296·6*	+0·5	150	+85
518	Saint Louis	38 38	90 12	173	995·2	1015·2	- 1·7	301·9	309·7	18th	292·2	281·3	21st	297·1	*296·6*	+2·9	74	- 7
519	Mobile	30 41	88 2	17·4	1013·5	1015·6	- 0·3	304·4	311·3	18th	294·2	284·1	23rd	299·3	*298·3*	+1·2	60	-73
520	Nashville	36 10	86 47	168	997·7	1017·3	- 0·8	303·4	309·7	15th	290·2	278·6	22nd	296·8	*296·3*	+1·6	42	-46
521	Charleston	32 47	79 56	14·6	1014·7	1018·6	- 1·1	302·3	307·4	18th	294·9	288·0	23rd	298·6	*298·7*	+1·0	31	-95
522	Washington	38 54	77 3	34·1	1012·7	1016·6	- 1·9	299·8	309·1	15th	288·5	279·7	25th	294·2	*293·4*	+1·1	30	-57
524	Bermuda	32 17	64 46	48·0	1010·5	1015·8	- 1·5	303·0	305·3	4th	295·3	292·9	30th	299·1	*298·8*	0·0	94	-38
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulas employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

SEPTEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27 N.	31 9 W.	40	1018·3	1023·1	+ 0·8	298·1	302·1	10th	291·8	286·5	22nd	294·9	294·5	+0·7	35	
531	Horta	38 32	28 38	65	1015·3	1023·1	+ 1·6	298·6	302·1	11th	291·8	289·5	26th	295·2	294·5	+0·3	54	
532	Ponta Delgada	37 44	25 40	22	1019·6	1022·3	+ 1·5	296·2	298·6	9th	291·4	289·2	26th	293·8	293·7	-0·1	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	145	
533	Madeira (Funchal)	32 38	16 55	25	1016·9	1019·8	+ 0·6	297·4	299·3	1st	293·0	291·3	27th	295·2	*295·3*	+0·4	6	
535	Lisbon	38 43	9 9	95	1006·3	1017·5	+ 0·6	297·0	305·0	9th	288·7	286·0	28th	292·8	292·3	-0·9	0	
535a	Melilla	35 17	2 59	40	1011·5	1016·2	..	299·1	305·9	22nd	293·4	287·9	28th	296·2	*296·0*	-1·8	2	
536	ǂGibraltar	36 6	5 21	16·2	..	1015·9	- 1·5	299·2	302·4	21st,22nd	291·6	286·3	30th	295·4	*294·9*	0·0	7	
536a	Colomb-Béchar	31 36	W. 2 4	769	927·5	1010·0	..	308·5	312·0	1st	292·7	287·3	16th	300·6	*300·3*	..	0	
537	Palma	39 34	E. 2 39	23	1012·2	1014·9	- 3·3	301·0	305·4	2nd	290·3	283·8	22nd	295·6	*294·8*	-0·7	67	
538	ǂAlgiers (Bouzaréah)	36 48	3 2	342	975·4	1014·8	- 1·1	298·8	307·0	21st	292·0	285·3	27th	295·4	295·3	+0·9	15	
538a	ǂGadames	30 9	9 30	351	..	..	..	312·6	317·0	21st	293·4	290·0	30th	303·0	..	+1·6	0	
539	Tunis	36 48	10 10	75	1007·4	1016·1	..	302·7	311·5	26th	292·2	287·1	30th	297·5	*297·1*	+0·3	51	
538a	Malta	35 54	14 31	56·4	..	1014·7	- 1·2	300·4	305·3	27th	295·3	291·9	30th	297·9	*297·2*	+0·5	9	
540	Riposto	37 41	15 14	14·2	..	1016·0	- 1·8	300·1	301·8	8th	293·1	289·2	30th	296·6	*297·0*	+0·6	64	
541	Athens	37 58	23 43	107	1001·2	1013·5	- 1·6	304·2	310·2	27th	294·3	291·3	8th	299·2	298·6	+2·4	10	
542	Alexandria	31 12	29 53	32·0	1008·7	1012·3	- 1·3	303·6	305·5	19th	296·7	294·0	24th	300·2	*299·4*	+1·2	0	
543	Ankara (Angora)	39 58	32 48	970	905·1	1011·3	- 3·9	301·2	308·4	1st	287·4	283·6	22nd	294·3	*294·4*	..	2	
543a	ǂNicosia (P.W.D.)	35 9	33 22	159	991·0	1008·8	- 1·6	307·4	310·2	18th	291·9	289·7	11th,25th	299·6	..	+1·2	0	
544	Beirut	33 54	35 28	33·7	..	1010·0	- 1·9	302·9	304·7	11th	296·8	295·6	20,21,26	299·9	*299·9*	+0·9	0	
545	Hinaidi	33 17	44 29	32·3	..	1006·1	- 0·9	314·8	319·7	1st	294·6	289·7	27th,28th	304·7	*305·5*	+1·0	0	
546	Lenkoran	38 46	48 51	-20·0	1017·1	1014·8	- 1·2	..	303·5	2nd	290·6	286·9	11th	..	*294·6*	+0·1	213	
547	Tehran	35 41	51 25	1220	..	..	..	304·7	307·9	3rd	290·6	285·3	11th	297·7	*297·5*	-0·3	0	
548	Meshad	36 17	59 38	946	876·1	..	..	302·2	307·7	22nd	284·1	279·1	30th	293·2	..	+1·3	0	
549	Seistan	31 0	61 30	610	..	..	..	307·3	313·4	10th	292·9	284·9	22nd	300·1	..	+0·7	0	
550	Quetta	30 11	67 3	1677	832·0	..	+ 0·2	303·5	307·7	10th	280·9	276·2	21st	292·2	*292·0*	-0·6	0	
551	Peshawar	34 2	71 37	339	967·7	1005·6	- 0·5	308·7	312·0	9th	294·4	290·2	18th,19th	301·6	*301·0*	+0·2	25	
551a	Lahore	31 34	74 20	214	980·7	1004·7	- 0·3	310·4	313·8	24th	296·2	291·3	30th	303·3	*302·7*	+0·3	11	
552	Simla	31 7	77 8	2204	781·1	..	+ 0·3	291·6	294·8	22nd	286·9	283·1	29th	289·3	*289·1*	-0·4	197	
552a	Leh	34 10	77 42	3503	667·2	..	- 0·1	294·0	298·2	5th	277·8	272·4	15th	285·9	*284·7*	-0·4	1	
559	ǂHankow	30 35	114 17	37·0	1009·0	1013·3	- 0·1	301·7	306·2	14th	292·8	288·2	15th	297·3	*296·7*	-0·1	122	
560	ǂTientsin	39 10	117 10	5·0	1011·8	1012·4	- 2·2	302·4	306·5	2nd	289·3	285·0	19th	295·9	*295·2*	+1·4	24	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1012·0	- 0·2	300·9	308·2	1st	290·9	285·9	22nd	295·9	294·8	-1·0	116	
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1004·5	1012·4	- 0·4	298·7	302·5	11th	288·5	284·0	19th	293·6	293·4	+0·1	21	
562a	Nagasaki	32 44	129 52	133	994·0	1009·3	- 2·1	298·4	303·4	1st	291·8	288·9	17th,21st	295·1	294·5	-2·0	503	
563	Kyoto	35 1	135 44	42·9	1005·8	1010·8	- 1·2	299·8	306·8	10th,11th	290·3	283·5	21st	294·9	294·3	-0·9	237	
564	Tokyo	35 41	139 46	5·8	1010·7	1011·4	- 1·8	297·9	305·8	12th	290·9	285·1	24th,25th	294·4	294·2	-0·7	345	
565	ǂHukusima	37 45	140 24	62·0	1004·4	1011·7	- 1·6	297·2	306·4	11th	288·0	279·8	24th	292·6	291·9	-1·1	242	
566	Miyako	39 38 N.	141 59 E.	30·4	1008·3	1011·9	- 1·6	295·8	300·9	12th	286·8	280·6	22nd,25th	291·3	290·8	-0·8	135	

SEPTEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
601	Midway Island	28 15 N.	177 22 W.	5·8	1013·3	1013·9	- 2·1	302·0	304·1	14th	294·9	291·9	23rd,25th	298·4	*297·9*	-0·3	104	
605	Honolulu	21 19	157 52	11·6	1013·7	1015·2	- 0·8	301·4	303·0	18th	296·2	294·1	17th	298·8	*298·7*	+0·2	14	
613	Guaymas	27 55	110 53	8·3	1007·5	1008·5	..	305·6	311·5	9th	298·4	293·3	12th	302·0	*301·6*	-1·4	187	
615	Chihuahua	28 38	106 4	1423	857·7	1007·2	- 3·2	302·7	306·5	4th	289·2	285·5	25th	296·0	*296·3*	+1·0	111	
616	Leon	21 7	101 41	1809	820·3	1008·8	- 1·8	298·0	301·1	25th	286·6	283·4	20th	292·3	*291·7*	-0·9	161	
616a	Monterry	25 40	100 18	528	952·0	1010·6	- 1·7	303·3	308·4	10th	294·2	292·0	5th	298·8	*298·3*	+0·5	146	
617	ǂTulancingo	20 5	98 22	2181	789·5	1008·9	- 0·4	294·1	299·7	30th	284·4	279·8	17th	289·2	*287·8*	-1·0	185	
618	Galveston	29 18	94 50	18·5	1012·8	1014·9	- 0·5	303·0	308·6	18th	297·8	292·4	20th	300·4	*300·0*	+1·0	51	
618a	New Orleans	29 57	90 4	16·2	1013·4	1015·2	0·0	304·4	310·2	17th	295·9	289·1	23rd	300·2	*299·2*	+0·5	139	
619	ǂMerida, Yuc.	20 58	89 38	22	1009·6	1012·1	- 1·1	305·8	308·6	8th	296·4	294·8	13th	301·1	*299·9*	+0·5	154	
620	Havana	23 7	82 25	77·0	..	1012·7	- 1·2	304·1	306·5	4th	296·5	295·4	8th	300·3	300·0	..	76	
620a	Key West	24 33	81 48	6·7	1012·5	1013·2	- 0·7	304·4	306·3	21st	297·7	294·7	7th	301·1	*300·9*	+0·1	136	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1014·7	+ 0·3	..	..	..	297·2	295·2	8th	..	‡*300·2*	-0·4	209	
622	ǂWatling Island	24 6	74 26	33·5	1010·5	1014·3	- 0·9	..	305·2	11,12,14	..	298·6	8th	..	*301·7*	+0·1	..	
633	Port Etienne	20 56	17 3	4	..	..	..	305·9	313·0	5th	294·6	292·0	16th	300·3	*298·2*	..	..	
634m	Izaña	28 19	16 30	2367	771·1	..	- 0·3	290·3	297·5	2nd	281·9	276·9	27th	286·1	*285·7*	-0·7	7	
634	La Laguna	28 28	16 20	547	954·4	1016·6	+ 0·1	298·0	307·3	2nd	289·2	285·4	20th	293·6	*293·0*	-0·1	15	
636	Adrar	27 38	W. 0 4	285	981·7	1013·2	..	315·9	319·4	8th	298·0	290·5	30th	307·0	*308·4*	..	0	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	307·2	310·3	5th	293·2	291·0	4th	300·2	*301·6*	..	0	
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	
642	Siwa	29 12	25 29	-23	1015·8	1013·1	..	308·5	312·6	19th	292·4	287·8	30th	300·4	..	..	0	
643	ǂCairo (Helwan)	29 52	31 20	116	997·9	1011·2	- 1·1	305·8	309·2	18th	293·5	291·7	30th	299·6	*299·4*	+0·7	0	
643a	Aswan	24 2	32 53	100	996·8	1007·9	- 0·8	312·5	316·0	20th	296·3	293·0	17th	304·4	*304·2*	+0·6	..	
644	Tor	28 14 N.	33 37 E.	1·9	1007·1	1007·2	- 1·2	304·3	308·6	21st	296·4	291·5	30th	300·4	*300·6*	+0·8	0	

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110. ǂChange of normals, see pages 108,109 and

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

SEPTEMBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		°	°	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	N. 29 0	E. 50 50	4·3	1003·0	1003·4	..	307·9	311·7	28th	300·4	297·1	25th	304·2	*303·7*	+0·9	0	0
648	Jask	25 45	57 45	4·0	1003·0	1003·5	..	307·6	312·0	20th	299·7	297·4	25th	303·7	*303·2*	+0·1	0	0
649	Karachi																	
650	Jacobabad	24 53	68 57	4·0	1006·2	1006·7	- 0·1	302·8	309·6	22nd	297·7	295·7	9th	300·3	*299·8*	+0·1	0	-11
651	Jaipur	28 17	68 29	56·7	998·2	1004·6	+ 0·2	312·4	316·2	24th	298·0	295·9	11th	305·2	*304·6*	0·0	0	- 5
652	Nagpur	26 56	75 ±2	436	959·0	1007·3	+ 0·8	306·2	310·6	23rd	295·2	293·2	8th	300·7	*299·9*	-1·1	36	-51
653	Allahabad	21 8	79 5	310	972·7	1007·2	+ 0·8	305·8	309·1	24th	295·8	293·9	8th	300·8	*300·1*	+0·4	133	-76
653a	Darjeeling	25 25	81 51	94·2	994·9	1005·5	+ 0·2	307·3	310·7	27th	298·1	296·3	29th	302·7	*302·0*	+0·6	198	+54
654	Calcutta	27 3	88 15	2265	775·8	..	- 0·3	291·6	295·3	1st	286·6	285·0	25th	289·1	*288·9*	+0·3	526	+59
655	Gauhati	22 36	88 23	6·4	1005·7	1008·5	+ 0·7	305·3	306·7	23rd	298·9	297·5	13th	302·1	*301·9*	+0·8	179	-72
655m	Cherrapunji	26 8	91 41	59·7	1001·0	1007·8	+ 0·3	303·7	307·4	1st	297·1	295·3	8th	300·4	*299·5*	-0·9	234	+61
655a	Akyab	25 15	91 42	1313	866·8	..	- 0·4	294·7	298·1	3rd	290·8	289·6	9th	292·7	*292·2*	-0·8	2525	+1560
656	Mandalay	20 11	92 56	6·1	1008·0	1008·6	+ 1·1	302·3	304·5	20th	298·1	295·6	29th	300·2	*300·1*	-0·6	413	-161
656a	Tengyueh	21 59	98 0	76·2	1000·3	1009·0	+ 0·6	306·8	311·2	2nd	298·4	296·5	27th,28th	302·6	*301·8*	+0·2	148	+ 3
657	Phu Lien	25 2	98 33	1826	835·7	1007·1	..	294·9	298·0	..	288·8	286·3	..	291·9	*291·1*	-0·8	353	+165
658	Moncay	20 48	106 38	116	995·4	1008·6	+ 0·7	303·6	308·0	4th	296·6	293·2	25th	300·1	299·7	-0·1	1193	+926
659	Hongkong	21 31	107 51	9·0	1007·8	1008·8	+ 1·0	303·6	306·8	10th	296·4	293·9	22nd,23rd	300·0	*300·0*	-0·7	708	+383
661	ǂTaihoku, Formosa	22 18	114 10	33·2	..	1009·6	+ 1·5	301·7	304·9	4th	297·5	294·3	8th	299·6	299·3	-0·6	157	-89
661a	ǂBasco	25 2	121 31	9·3	1009·5	1010·5	+ 1·3	303·4	307·5	5th	294·4	290·8	11th,23rd	298·9	298·3	-0·9	182	-67
662	Naha	20 28	121 59	18·7	..	1008·8	+ 2·1	303·7	305·3	27th	297·2	294·8	24th	300·5	300·2	-0·3	119	-202
665	ǂTitizima (Bonin Islands)	26 12	127 39	29·5	‡1007·0	‡1007·9	- 1·0	301·8	303·7	5th,18th	297·1	293·9	30th	299·5	299·5	-0·1	63	-119
		27 5 N.	142 11 E.	4·1	1010·0	1010·5	- 1·2	303·7	305·4	16th	297·9	295·2	20th	300·8	300·4	+0·6	113	-18

BETWEEN LATITUDE 20° N. AND 10° N.

SEPTEMBER - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
				metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
715	Colima	N. 19 12	W. 103 45	498	954·7	1010·3	- 0·2	302·0	306·0	5th	293·3	291·9	1st	297·6	*296·6*	-1·4	293	+105
716	Morelia	19 42	101 7	1923	808·7	1008·7	- 0·8	294·2	296·2	30th	287·0	284·9	24th	290·6	*289·9*	-0·4	221	+87
717	ǂMexico, Tacubaya	19 24	99 12	2309	773·7	..	- 1·1	294·4	298·6	30th	284·1	280·9	1st	289·3	288·2	-0·3	200	+97
718	ǂSalina Cruz	16 12	95 12	58	1003·7	1010·1	- 1·1	302·0	305·0	1st	295·5	294·2	16th	298·8	*298·9*	-1·2	450	+273
719	San Salvador	13 42	89 13	682	936·2	1011·6	- 0·1	304·0	306·2	3rd,27th	291·4	289·2	7th	297·7	*296·1*	0·0	194	-99
720	ǂBelize	17 31	88 11	5·2	1010·7	1011·4	- 0·1	302·3	304·1	12th	296·9	294·1	18th	299·6	*299·2*	-1·3	134	-96
721	ǂJamaica (Negril Pt.)	18 15	78 23	10·1	..	1011·8	- 0·4	305·2	307·4	15th	296·0	294·4	2nd	300·6	*300·2*	+0·6	108	-62
722	Port au Prince	18 33	72 20	37·4	1007·8	1012·0	- 1·2	306·7	309·5	2nd	296·2	294·9	6,7,20	301·5	*300·7*	+0·7	166	+19
723	Caracas	10 30	66 56	1042	898·2	1012·2	- 0·6	298·4	301·1	31st	288·9	287·4	14th,15th	293·7	*292·8*	-0·5	288	+185
724	San Juan, Porto Rico	18 29	66 7	25·0	1009·3	1011·8	- 1·9	303·2	305·2	15th	297·2	295·2	5th	300·2	*299·8*	+0·3	71	-102
724a	Grenada (Richmond Hill)	12 5	61 46	188	988·9	1010·4	- 1·8	304·2	306·3	24th	297·8	296·9	sev. dates	301·0	*300·4*	+1·2	80	-123
725	ǂBarbados	13 8	59 36	55·2	..	1011·8	- 1·0	303·7	304·7	9th	295·9	294·9	6th,13th	299·8	*299·7*	+0·1	127	-65
731	São Vicente, C. Verde Is.	16 54	25 4	11	1010·1	1011·3	- 1·8	301·3	303·0	26th	298·0	296·5	8th,15th	299·7	*299·8*	+0·8	107	+59
732	San Tiago, C. Verde Is.	14 54	23 31	34	1008·1	1011·9	- 1·6	302·6	304·2	1st	297·6	295·8	4th	300·1	*300·0*	+0·2	325	+225
733	Dakar	14 40	17 26	32	1006·9	1010·6	..	304·1	307·0	18th	297·1	294·2	11th	300·6	*300·0*	-0·5	178	+56
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·4	304·7	6th	..	..	..	..	..	..	484	..
735	Médénbalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	310·0	313·5	6th	297·0	293·8	29th	303·5	*302·8*	-2·0	81	+44
737	ǂSokoto	13 2	E. 5 14	353	..	..	..	306·2	308·6	14th,30th	294 9	293·0	7th	300·5	*299·7*	-0·1	123	+ 4
738	Kaduna Capital	10 32	7 25	7637	..	..	..	302·3	304·7	28th,30th	..	..	..	..	‡*296·8*	+0·4	287	- 5
740	Hadejia	12 40	10 5	?	..	..	..	305·5	310·8	27th	..	..	..	..	‡*299·7*	-1·1	105	+31
741	ǂMaiduguri	11 47	13 11	361	..	..	..	306·4	309·1	27th	295·0	293·0	14th,30th	300·7	*300·0*	..	138	+35
	El Fasher	13 32	25 18	730	927·8	1008·2	..	308·8	311·5	2nd,27th	293·5	291·5	26th,27th	301·2	*300·0*	..	50	+27
743	El Obeid	13 11	30 14	563	946·2	1008·8	- 0·3	307·3	311·8	1st	294·6	291·9	5th	301·0	*299·8*	0·0	84	+ 4
743a	ǂKhartoum	15 37	32 33	390	964·4	1007·4	+ 0·1	311·1	313·6	28th	297·3	292·9	12th	304·2	*304·5*	-0·3	21	+ 3
744	Port Sudan	19 37	37 13	5·5	1005·5	1006·2	- 1·2	311·6	314·9	12th,23rd	300·2	296·6	26th	305·9	*305·0*	+0·5	0	0
745	ǂBerbera, Somaliland	10 22	45 2	13·8	1003·6	1005·1	- 1·8	312·0	314·1	5,7,25	301·2	299·7	16,19,26	306·6	*306·6*	0·0	0	- 2
746	Aden	12 45	45 3	28·7	1004·0	1007·2	- 0·5	307·5	309·1	25th	302·1	299·7	13th	304·8	*304·4*	+0·7	0	- 4
751	Bombay	18 54	72 49	11·3	1007·4	1008·6	- 0·7	303·1	304·4	17th	298·5	296·9	28th	300·8	300·2	+0·6	135	-131
752	Kodaikanal	10 14	77 28	2343	770·5	..	+ 0·2	291·6	293·7	8th	284·4	283·3	9th	288·0	*287·1*	+0·8	228	+44
752a	Bangalore	12 59	77 38	921	909·0	1009·3	0·0	302·1	305·8	10th	291·9	290·3	1st	297·0	*295·9*	+0·8	267	+90
753	Madras	13 4	80 14	6·7	1007·2	1008·0	- 0·3	306·9	311·3	1st	298·4	295·3	16th	302·7	*301·9*	+0·1	73	-54
754	Vizagapatam	17 42	83 19	11·6	1005·9	1007·3	+ 1·3	304·4	306·3	2nd	299·1	296·0	23rd	301·8	*301·2*	-0·1	152	-14
755	Port Blair	11 40	92 40	18·0	1007·6	1009·6	+ 0·3	302·8	304·1	11th	298·2	295·8	22nd	300·5	*299·9*	+0·4	126	-333
756	Rangoon	16 46	95 48	5·5	1009·6	1010·2	+ 1·1	303·8	305·9	21st	297·6	296·5	24th	300·7	*299·8*	+0·5	401	+13
757	Saigon	10 47	106 42	11	1007·9	1009·1	+ 1·2	304·2	305·9	12th,25th	296·4	295·1	8th	300·3	*299·8*	-0·2	337	- 5
759	Nhatrang	12 15	109 12	3·6	1007·6	1008·0	+ 1·3	304·9	307·0	6th	296·9	295·7	3rd	300·9	*300·4*	0·0	4	-174
	Bolinao	16 23	119 53	2	..	1008·0	+ 2·0	304·5	306·0	24th,25th	296·2	295·2	18th	300·3	*300·5*	+0·6	113	-380
761	ǂVigan	17 34	120 23	12·2	..	1008·2	+ 1·5	305·2	306·0	24th	297·7	296·9	10th	301·5	301·1	+1·0	11	-458
761a	Manila	14 35	120 59	14·2	..	1009·1	+ 1·9	304·6	306·2	12th,30th	296·8	295·4	11th	300·7	300·2	+0·4	137	-220
762	ǂOrmoc	11 0	124 36	5·6	..	1008·3	+ 0·9	306·6	307·8	27th	295·8	294·5	22nd	301·2	*300·4*	+0·7	69	-211
765	ǂGuam, Ladrone Is.	13 24	144 38	18·6	..	1008·5	+ 1·3	..	..	..	297·5	295·3	29th	..	*301·2*	+1·1	138	-240
		N.	E.															

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111. ǂChange of normals, see pages 110 and 111.

SEPTEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]
805	Fanning Island	3 54	159 23	5·3	..	..	..	?306·4	..	..	..	..	..	..	*†?302·3*	+0·4	..	[illegible]
821	¢Cristobal (Colon)	9 23	79 54	11·0	..	1010·4	0·0	303·8	307·4	25th	296·7	295·2	13th	300·2	299·4	+0·5	440	[illegible]
822	Bogota	4 36	74 5	2645	745·9	..	..	292·4	295·8	3rd	282·6	280·5	9th	287·5	*286·8*	..	87	[illegible]
822a	Merida, Venez.	8 36	71 9	1641	‡841·3	..	- 0·1	296·5	299·3	12th	287·8	286·8	7th,11th	292·1	*290·8*	-1·0	203	[illegible]
823	Ciudad Bolivar	8 9	63 33	38	1005·4	1009·7	..	304·7	306·3	10th	297·1	295·7	14th	300·9	*300·4*	-0·3	68	[illegible]
824	El Peru, Guayanavieja	7 19	61 49	220	984·7	1009·6	- 0·5	303·3	304·2	11th	295·0	292·9	20th	299·1	*298·5*	+0·2	200	[illegible]
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·8	- 1·4	304·0	304·7	sev. dates	297·3	295·2	20th	300·7	*300·2*	+0·3	98	[illegible]
826	Paramaribo	5 49	55 9	3·7	..	1011·1	- 1·8	306·0	307·2	29th	295·5	294·5	14th,15th	300·7	*301·1*	+0·5	113	[illegible]
826a	Cayenne	4 56	52 21	6	..	..	..	303·5	305·0	14th	297·9	297·0	22nd	300·7	*300·2*	-0·2	10	[illegible]
831	10°-5° N. 30°-25° W.	††7 4	††27 7	§(103-109)	..	1012·3	- 0·7	..	..	Sea Temp. 300·2 | +0·4	..	..	..	..	299·3	-0·1	..	[illegible]
833	Konakri	9 31	13 43	16	..	..	..	302·2	304·0	26th	297·1	295·5	20th	299·7	*299·6*	+1·0	535	[illegible]
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·5	1012·4	+ 0·2	302·3	304·7	30th	295·2	293·6	15th	298·7	*297·9*	-0·5	622	[illegible]
835	Assuantsi	5 18	1 15	101	..	..	..	300·7	303·0	20th,21st	294·8	293·0	28th	297·7	*297·3*	+0·2	53	[illegible]
836	Accra	5 33	W. 0 12	16·0	1010·4	1012·2	- 0·7	299·7	301·1	20th	296·1	294·7	11th	297·9	*297·6*	-0·2	3	[illegible]
837	Lagos	6 27	E. 3 24	3·0	1011·6	1011·9	- 0·3	300·9	302·4	20,29,30	296·3	294·7	1st,5th	298·6	*298·1*	-0·3	77	[illegible]
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	251	[illegible]
839	Yola	9 12	12 30	259	..	..	..	304·6	308·0	28th	295·1	293·0	15th,26th	299·9	*299·3*	+0·9	244	[illegible]
841	¢Wau	7 42	28 3	440	..	..	..	..	..	..	293·5	291·5	9th,19th	..	*299·0*	+0·8	157	[illegible]
843	Malakal (Kodok)	9 35	31 37	394	966·2	1010·3	+ 0·1	306·4	310·2	23rd	294·6	293·0	9th,23rd	300·5	*299·5*	+1·2	41	[illegible]
843a	¢Mongalla	5 11	31 47	448	959·4	1009·6	- 0·7	..	..	..	294·2	292·3	2nd	..	*298·7*	+0·6	101	[illegible]
844	¢Entebbe	0 5	32 29	1171	883·8	1010·2	- 0·2	299·3	300·8	10,13,16	289·6	287·4	10th	294·4	*293·6*	0·0	81	[illegible]
851	Minicoy	8 17	72 49	2·1	1010·0	1010·2	- 1·3	303·1	304·5	19th	297·3	295·3	22nd,27th	300·2	*299·6*	..	256	[illegible]
851a	Cochin	9 58	76 21	2·7	1010·1	1010·5	- 0·7	301·1	303·7	18th	296·8	295·2	16th	298·9	*298·3*	-0·7	411	[illegible]
852	Colombo Observatory	6 54	79 52	7·3	..	1009·3	- 0·4	303·4	305·2	6th	297·1	295·4	18th	300·2	*299·6*	-0·1	233	[illegible]
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	292·2	296·6	3rd	284·4	280·2	3rd	288·3	*287·6*	+0·1	374	[illegible]
854	Trincomalee	8 35	81 15	30·2	..	1007·0	+ 0·2	306·4	309·5	8th	297·6	295·6	16th	302·0	*301·4*	-0·1	147	[illegible]
855	Kuta Raja	5 32	95 20	7·1	..	1009·4	- 0·3	..	..	..	..	..	..	..	..	..	53	[illegible]
856	Medan	3 35	98 41	25·0	..	1009·8	+ 0·1	303·7	307·2	30th	295·7	294·1	5th	299·7	298·8	+0·4	169	[illegible]
857	Penang	5 34	100 20	5·0	1008·9	1009·4	- 0·7	306·3	307·4	9th	295·1	294·7	29th	300·7	*300·0*	+0·6	310	[illegible]
858	¢Singapore	1 18	103 51	10·9	1009·7	1010·9	+ 0·9	303·9	305·4	7th	296·7	295·8	30th	300·3	*299·8*	0·0	159	[illegible]
859	Sandakan	5 50	118 7	31·7	..	..	..	304·4	305·8	1st,6th	297·1	295·8	15th.26th	300·8	*300·6*	+0·2	247	[illegible]
860	Iwahig	9 44	118 38	14·3	..	1008·5	+ 1·3	305·5	307·5	21st	294·9	293·8	2nd,7th	300·2	*298·9*	-0·2	303	[illegible]
861	Tagbilaran	9 38	123 51	21·3	..	1008·7	+ 0·7	305·6	307·0	22nd	297·1	296·3	15th,29th	301·3	300·6	+0·3	126	[illegible]
861a	Menado	1 30	124 50	8·5	..	1008·9	+ 0·2	304·5	306·1	17th	295·5	292·6	13th	300·0	299·8	+0·1	60	[illegible]
862	Surigao	9 48	125 29	6	..	1009·1	+ 1·1	304·8	306·1	20th,23rd	297·0	296·0	11th	300·9	300·5	+0·1	17	[illegible]
863	¢Kolonie, Yap	9 29	138 8	29·3	..	..	..	304·6	306·6	27th	298·0	295·2	10th	301·3	..	+0·7	194	[illegible]
		N.	E.															

SEPTEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
924	Manaos	3 8	60 1	43·8	..	..	..	305·6	307·8	30th	295·1	293·6	20th	300·4	*300·0*	-0·9	76	[illegible]
926	Taperinha	2 30	54 20	21·5	1008·4	1010·8	- 0·8	305·9	308·0	30th	296·0	295·0	13th	301·0	*299·8*	+0·9	70	[illegible]
927	Turyassu	1 43	45 26	9·1	1009·9	1011·0	- 0·9	305·8	306·8	29th	295·7	293·8	12th	300·8	*299·8*	+0·3	3	[illegible]
928	Barra do Corda	5 30	45 16	81·0	999·5	1008·7	- 1·7	308·0	310·0	26th	294·5	292·1	1st,23rd	301·2	*300·3*	+0·8	28	[illegible]
929	Quixeramobim	5 16	39 15	207	988·8	1012·0	- 0·8	306·1	306·6	30th	297·4	296·6	10th	301·8	*301·3*	+0·5	0	[illegible]
930	Fernando Noronha	3 50	32 25	106	1001·5	1013·5	- 0·6	302·1	302·8	sev. dates	295·6	294·4	23rd	298·8	*298·4*	+0·5	35	[illegible]
930a	5°-10° S. 35°-30° W.	††7 0	††33 34	§(59)	..	1013·9	..	..	..	Sea Temp. 299·0 | +0·6	..	..	..	..	299·3	..	..	[illegible]
930b	0°-5° S. 35°-30° W.	††2 45	††31 59	§(46)	..	1013·2	..	..	..	299·1 | +0·4	..	..	..	..	299·2	..	..	[illegible]
934	¢Ascension Island	7 55	W. 14 24	16·8	1013·4	1015·2	- 0·7	300·2	301·3	14th,26th	294·8	293·6	2,11,16	297·5	*296·8*	-0·1	11	[illegible]
939	Loanda	8 49	E. 13 13	51	..	1013·3	- 1·0	296·7	298·7	25th	292·1	290·8	2nd,7th	294·4	293·8	-0·5	14	[illegible]
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
943	Masaka	0 20	31 44	?1280	..	..	..	302·1	303·0	1st,2nd	287·8	286·9	10,19,30	294·9	*294·3*	+1·9	62	[illegible]
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	299·1	301·9	1st,19th	285·2	279·7	5th	292·2	..	..	6	[illegible]
944a	Zanzibar	6 10	39 11	17·1	1015·7	1017·7	0·0	301·6	302·7	12th	296·0	294·8	2nd	298·8	*297·8*	+0·2	88	[illegible]
945	Lamu	2 16	40 50	3·0	..	..	..	300·2	301·3	19th,26th	..	..	..	..	..	..	27	[illegible]
947	Seychelles, Port Office	4 37	55 27	4·6	1011·9	1012·4	- 0·7	302·5	304·0	19th	296·7	294·5	15th	299·6	*298·9*	+0·5	128	[illegible]
957	Padang	0 56	100 22	6·7	..	1010·9	+ 0·2	302·4	304·3	2nd	296·2	294·9	24th	299·3	298·8	-0·3	582	[illegible]
958	Batavia	6 11	106 50	8·0	1009·4	1010·3	- 0·2	304·9	306·5	11th	296·3	295·1	15th	300·6	300·2	+0·7	20	[illegible]
958a	¢Pontianak	0 1	109 20	2·6	..	1009·6	- 0·2	304·0	306·9	3rd	296·9	295·6	9th	300·5	299·4	-0·3	486	[illegible]
959	Pasuruan	7 38	112 55	5·0	..	1010·8	- 0·1	305·0	306·1	29th	295·9	293·4	6th	300·5	300·6	+1·0	*0*	[illegible]
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	*0*	[illegible]
962	¢Amboina	3 42	128 10	4·2	..	1010·4	- 0·3	300·4	301·8	27th	296·9	295·4	17th	298·7	298·3	0·0	451	[illegible]
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	63	[illegible]
965	¢Daru	9 4	143 13	7·6	..	1013·0	+ 0·9	299·1	..	..	295·8	..	..	297·4	*297·1*	-1·4	23	[illegible]
966	¢Port Moresby	9 29	147 9	38·4	..	1012·7	+ 0·9	300·5	..	..	295·5	..	..	298·0	*297·6*	-0·8	33	[illegible]
967	Rabaul	4 9	152 12	12·5	..	1009·7	+ 0·2	305·9	307·0	20th	295·9	293·8	9th	300·9	*300·3*	+0·2	101	[illegible]
969	¢Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	302·8	304·2	13th	297·7	296·1	13th	300·3	*300·1*	+0·1	165	[illegible]
970	Ocean Island	0 52	169 35	**	..	1010·7	+ 0·1	306·4	308·0	24th	298·9	296·9	1st	302·7	*302·0*	+1·5	49	[illegible]
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 111.
††Mean latitude and longitude of the observations. §Number of observations.
**Height changed from 39·6 m. to 42·6 m. from September 13th. ¢Change of normals, see pages 111,112 and 113.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

SEPTEMBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	¢Apia, Samoa	13 48	171 46	2	..	1012·1	+ 0·1	302·0	303·2	8th	297·1	295·0	13th	299·6	299·6	+0·5	107	-23
1003	¢Alofi, Niue Island	19 2	169 55	27·4	..	1017·0	+ 0·6	300·9	303·6	24th	292·7	289·1	7th	296·8	*296·6*	0·0	53	-55
1022	Tacna	18 0	70 18	560	..	..	..	297·9	301·0	18th,21st	282·4	278·0	9th	290·1	*287·6*	0·0	11	+ 3
1025	Corumba	18 59	57 39	116	997·1	1010·2	- 0·4	305·5	310·4	26th,30th	293·0	284·0	6th	299·2	*298·9*	+0·8	21	-48
1026	Cuyaba	15 36	56 6	165	991·5	1010·2	- 0·1	306·6	311·0	26th	293·5	287·6	6th	300·0	*299·1*	-0·8	106	+55
1027	Bello Horizonte	19 55	43 57	895	915·5	1014·3	- 0·4	299·4	306·2	29th	288·2	285·8	27th	293·8	*293·1*	0·0	25	-10
1028	Caetite	14 3	42 37	897	916·4	1015·0	+ 0·1	301·4	306·4	3rd	288·5	286·5	26th	295·0	*295·4*	+0·4	1	-18
1029	Ondina (Bahia)	13 0	38 31	46·6	1009·9	1015·4	- 0·5	300·5	301·8	3rd,4th	294·6	293·4	29th	297·6	*297·2*	+0·5	40	-40
1030	Aracaju	10 55	37 3	6·1	..	..	..	300·1	301·0	3rd	295·3	292·9	2nd	297·7	*297·4*	..	45	..
1030a	15°-20° S. 40°-35° W.	††17 52	††38 11	§(75)	..	1017·8	..	..	..	Sea Temp. 297·3 | +0·5	..	..	..	..	297·6	..	..	..
1030b	10°-15° S. 40°-35° W.	††12 56	††36 40	§(65)	..	1016·0	..	..	..	298·2 | +0·4	..	..	..	..	298·4	..	..	..
1035	St. Helena	15 57	W. 5 40	579	947·5	1014·9	- 0·8	288·4	291·3	26th	285·3	284·1	1st	286·9	*287·1*	-0·2	38	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	908·0	1013·5	..	305·1	307·9	8th	288·9	284·3	24th	297·0	..	..	0	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	306·3	307·9	2nd	..	..	..	..	..	..	0	- 3
1042	Gwelo	19 26	30 2	1411	..	..	..	302·2	307·4	30th	282·7	279·1	21st,25th	292·4	..	+0·1	0	- 4
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	855·7	1015·7	+ 0·6	299·6	303·6	9th	283·4	278·7	4th	291·5	290·9	-0·7	0	- 7
1044	¢Zomba	15 23	35 18	955	910·4	1015·6	+ 1·0	300·2	303·0	30th	286·8	283·6	22nd	293·5	*294·0*	-0·3	0	- 9
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	867·9	1018·0	*+ 0·1	296·8	301·0	30th	282·1	279·6	11th	289·5	288·9	-0·1	2	-12
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1014·7	1015·3	- 0·1	300·9	302·1	1st	297·2	294·4	29th	299·1	*298·8*	0·0	190	+94
1057	Christmas Island	10 25	105 43	5·5	1010·0	1010·6	+ 0·1	303·8	304·7	sev. dates	296·8	295·2	24th,26th	300·3	*299·8*	+0·6	6	-64
1061	Kupang	10 10	123 34	45·1	..	1012·4	+ 0·7	306·2	309·1	29th	294·0	290·9	21st	300·1	299·6	+0·2	0	- 2
1061a	Derby	17 18	123 40	16·2	1012·1	1013·8	+ 0·7	306·7	311·2	30th	293·9	288·6	13th	300·3	..	+0·9	0	- 1
1062	Hall's Creek	18 13	127 46	373	972·0	1013·4	0·0	307·1	310·0	20th	289·1	279·9	12th	298·1	*297·6*	+0·7	0	- 5
1063	Darwin	12 28	130 51	29·6	1009·0	1012·4	+ 0·8	306·1	308·9	10th	295·9	293·0	4th	301·0	*299·9*	-0·1	3	- 9
1064	Daly Waters	16 16	133 23	211	988·5	1012·0	+ 0·1	308·9	311·3	20th	288·4	281·9	12th	298·7	*298·2*	-0·9	0	- 6
1065	¢Mein	13 13	142 47	122	998·9	1012·8	+ 1·2	303·2	306·3	24th	291·1	284·9	18th,21st	297·2	*296·4*	-1·4	1	0
1066	¢Georgetown, Queensland	18 22	143 32	302	980·9	1015·1	+ 1·0	305·6	310·2	21st	291·2	289·1	16th	298·4	..	+0·9	0	- 9
1066a	Willis Island	16 18	149 59	8·5	1014·0	1015·1	..	299·0	300·7	30th	294·8	293·5	17th,19th	296·9	*296·9*	..	26	..
1067	Samaria	10 37	150 40	6·1	..	1013·4	+ 1·3	300·3	..	..	296·1	..	..	298·2	*298·0*	-0·2	246	-22
1072	Suva, Fiji	18 8	178 26	6·1	1013·7	1014·5	+ 0·3	300·3	301·9	17,18,23	294·8	290·8	6th	297·6	*297·4*	+1·0	181	-14
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

SEPTEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	299·1	301·9	3rd	291·4	285·2	17th	295·2	*295·0*	+0·1	11	-116
1121	¢Punta Tortuga, Coquimbo	29 56	71 21	27	1015·1	1018·4	+ 0·7	289·4	291·8	15th,30th	283·0	280·2	8th	286·2	*285·9*	+0·2	3	- 1
1122	Iquique	20 12	70 11	9	1015·9	1017·0	+ 0·4	292·0	293·6	17th,22nd	283·6	282·4	12th	287·8	*289·3*	+0·1	0	0
1123	¢Catamarca	28 27	65 47	510	953·2	1011·5	- 0·8	298·8	310·2	20th	282·4	273·9	4th	290·6	*290·3*	-1·4	14	+ 7
1124	Salta	24 46	65 28	1182	880·9	1010·7	- 0·6	297·5	307·9	13th	279·1	271·9	10th	288·3	*288·8*	-1·5	11	+ 3
1125	Goya	29 9	59 15	26	1009·2	1012·3	- 1·6	299·6	313·0	24th	284·6	275·0	10th	292·1	*292·2*	+1·8	83	+23
1126	Asuncion	25 17	57 41	93	1003·0	1013·9	+ 0·4	302·8	312·7	21st	288·6	279·1	10th	295·7	*295·4*	+1·4	85	- 1
1127	Curityba	25 25	49 17	908	914·7	1017·2	- 0·4	292·9	301·6	30th	283·3	272·3	6th	288·1	*287·1*	-0·4	177	+55
1128	Rio de Janeiro	22 54	43 10	18·3	1014·6	1016·8	- 0·2	297·9	304·8	22nd	291·1	288·9	6th	294·5	294·0	+0·1	29	-37
1128a	25°-30° S. 50°-45° W.	††27 25	††47 45	§(55-57)	..	1019·8	..	..	..	Sea Temp. 291·3 | -0·9	..	..	..	..	291·8	..	..	..
1128b	20°-25° S. 45°-40° W.	††22 25	††41 27	§(35-36)	..	1018·7	..	..	..	294·1 | -0·2	..	..	..	..	294·2	..	..	..
			W.															
1139	Windhoek	22 34	E. 17 5	1669	837·9	1013·3	..	300·1	302·9	30th	287·3	282·5	1st	293·7	*293·2*	+1·7	0	- 2
1140	O'Okiep	29 36	17 52	933	912·8	1016·5	0·0	299·3	305·8	25th	285·5	279·1	15th	292·4	*292·0*	+4·8	3	-12
1141	Kimberley	28 42	24 47	1202	884·9	1016·0	+ 0·6	302·3	306·9	10th	282·4	274·8	1st	292·3	292·1	+2·8	1	-14
1141a	Johannesburg	26 11	28 4	1806	827·0	1018·0	+ 1·4	297·1	302·8	30th	283·5	279·6	1st	290·3	*290·2*	+2·1	1	-23
1142	¢Bulawayo	20 9	28 35	1349	871·7	1017·2	+ 0·8	300·3	304·7	30th	285·3	281·8	5th	292·8	*292·6*	+0·1	0	- 4
1143	Durban	29 52	31 3	15·2	1018·6	1020·4	- 0·4	296·3	300·8	6th	289·7	287·1	1st,27th	293·0	*292·5*	+0·9	47	-34
1144	Lourenço Marques	25 58	32 36	59	..	1020·2	+ 1·0	300·7	311·3	7th	289·2	285·8	3rd	295·0	294·3	+0·7	10	-15
1147	Mauritius	20 6	57 33	55·2	1013·3	1019·8	- 0·4	297·2	299·0	30th	289·7	286·3	29th	293·5	293·2	-0·7	30	- 3
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ¢Change of normals, see pages 113 and 114.

SEPTEMBER - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1013·5	1014·0	- 0·5	301·2	306·1	29th	287·1	284·2	1st	294·2	..	-0·3	5	+4
1160	Cue	27 27	117 52	454	965·6	1017·7	+ 1·5	296·6	304·2	10th	283·9	279·3	4th	290·2	..	-0·1	40	+31
1161	Nullagine	21 53	120 5	386	971·1	1016·0	+ 2·0	304·6	308·6	17th	286·3	281·6	1st	295·4	..	+0·7	0	..
1162	Laverton	28 40	122 23	466	965·4	1018·7	+ 2·0	297·2	304·7	27th	283·0	277·5	25th	290·1	*290·1*	+0·3	10	+5
1163	Alice Springs	23 38	133 37	587	951·2	1017·0	+ 2·3	300·7	308·7	21st	284·1	274·1	12th	292·4	*292·5*	+0·8	21	+16
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	♯Boulia	22 55	139 38	148	998·4	1015·2	+ 1·0	303·9	312·4	21st	286·7	281·5	12th	295·3	*295·4*	+0·9	0	..
1165	♯Thargomindah	27 58	143 43	123	1003·9	1018·3	+ 2·5	299·7	312·7	23rd	284·8	278·2	16th	292·2	*292·0*	+0·5	9	..
1166	♯Mitchell	26 32	147 52	336	980·2	1018·4	+ 1·8	299·2	308·6	22nd	280·6	273·6	18th	289·9	..	+0·5	4	..
1167	♯Rockhampton	23 24	150 30	11·3	1018·8	1018·3	+ 1·4	299·8	306·9	24th	287·2	282·6	19th	293·5	..	-0·7	35	..
1168	♯Brisbane	27 28	153 2	41·8	1015·5	1020·1	+ 2·7	296·8	304·7	24th	285·7	280·8	9th	291·2	*290·4*	-0·2	45	..
1170	♯Norfolk Island	29 4	167 59	15·2	1018·2	1020·1	+ 0·3	293·1	299·9	4th	287·0	283·8	9th	290·0	*289·6*	+0·1	83	..

SEPTEMBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	979·1	1020·4	..	286·3	289·2	15th	281·8	278·9	4th	283·9	*283·2*	..	53	..
1221a	Punta Tumbes	36 37	73 6	120	1003·6	1018·2	- 0·4	286·5	289·8	26th	280·9	277·8	9th	283·7	*283·4*	0·0	188	..
1222	♯Punta Angeles, Valparaiso	33 1	71 38	41	1015·1	1020·1	+ 2·1	289·4	295·4	16th	282·0	278·1	7th	285·7	*285·4*	-0·6	65	..
1222a	Santiago	33 27	70 42	520	958·0	1019·4	+ 1·6	288·7	296·7	17th	278·3	270·7	9th	283·5	*283·3*	-0·9	68	..
1223	Cordoba	31 25	64 12	423	964·6	1014·0	- 1·7	296·0	307·5	23rd	278·7	271·3	10th	287·3	287·2	-0·6	15	..
1224	Bahia Blanca	38 45	62 15	25	1011·0	1014·2	- 3·1	291·6	302·6	28th	277·5	267·4	2nd	284·5	*284·7*	-0·5	18	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1012·6	1015·6	- 2·5	290·9	298·1	11th	279·7	273·2	2nd	285·3	285·4	-0·4	130	..
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1014·7	- 1·2	..	298·0	23rd	..	277·9	5th	..	*285·8*	-1·0	116	..
1226a	Porto Alegre	30 2	51 13	23·5	1013·1	1015·9	- 1·3	295·7	308·2	29th	283·8	276·0	18th	289·7	289·4	-0·1	101	..
1226b	30°-35° S. 55°-50° W.	††32 52	††52 13	§(46-47)	..	1017·9	..	..	..	Sea Temp. 286·5|-0·8	..	..	..	..	287·6	..	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1018·1	1019·6	+ 0·8	292·5	303·2	21st	283·5	277·9	8th	288·0	*286·7*	+0·6	19	..
1240	Danger Point	34 37	19 18	27·7	1015·8	1019·1	+ 0·8	290·2	299·7	28th	284·2	280·2	2nd,8th	287·2	..	+0·3	5	..
1241	Riversdale	34 6	21 16	61·0	..	..	..	296·5	312·4	28th	280·9	275·2	8th	288·7	..	+1·0	7	..
1242	East London	33 2	27 55	44·8	1013·9	1019·2	- 0·4	295·9	310·2	6th	286·1	280·8	2nd	291·0	..	+1·4	25	..
1259	Perth (Observatory)	31 57	115 51	60·0	1011·6	1018·8	+ 0·8	293·3	299·7	28th	284·2	279·6	5th	288·8	*288·7*	+1·2	100	..
1260	Katanning	33 42	117 35	310	982·2	1018·8	+ 1·9	291·4	297·8	9th	280·7	276·3	8th,24th	286·0	..	+0·9	58	..
1261	Coolgardie	30 57	121 10	423	970·6	1019·6	+ 2·8	294·1	302·3	27th	280·7	276·2	25th	287·4	*287·4*	-0·4	47	..
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1021·1	1022·5	+ 5·1	294·3	303·1	16th	282·2	274·8	25th	288·3	*287·9*	+1·0	13	..
1264	Adelaide	34 56	138 35	42·7	1017·2	1022·3	+ 5·0	293·2	301·1	20th	281·6	275·7	25th	287·4	*287·2*	+0·5	23	..
1265	Melbourne	37 49	144 58	35·1	1017·6	1021·9	+ 6·1	290·1	297·8	14th	279·8	274·9	12th	284·9	*284·7*	-0·4	44	..
1266	Bourke	30 13	145 58	110	1009·2	1022·1	+ 3·4	298·0	308·0	4th	282·5	276·3	25th	290·2	..	+0·1	3	..
1267	Sydney	33 51	151 13	42·1	1018·9	1020·9	+ 4·9	291·2	300·2	4th	282·7	278·6	7th	286·9	*286·6*	-1·2	78	..
1268	♯Lord Howe Island	31 20	159 0	4·6	1020·2	1020·7	+ 2·2	291·4	297·2	24th	285·6	279·9	8th	288·5	..	-1·4	54	..
1271	Auckland	36 50	174 50	38·1	..	1017·7	+ 1·3	288·2	290·8	21,23,25	282·8	278·0	13th	285·5	..	-0·1	109	..
1272	Napier	39 29	178 55	1·5	..	..	..	288·4	295·5	22nd,25th	280·6	274·9	14th	284·5	..	-0·5	88	..

SEPTEMBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	997·0	1014·1	- 3·1	281·7	284·5	18th	277·1	274·0	7th	279·4	*280·0*	-0·6	109	..
1322	Punta Galera	40 1	73 44	40	1011·4	1016·3	- 1·9	284·6	286·8	26th	281·0	278·0	14th	282·8	*282·8*	+0·5	329	..
1323	♯Sarmiento	45 34	69 0	272	974·9	1007·7	- 5·1	285·3	292·5	27th	274·6	268·7	17th	279·9	*279·8*	-1·1	4	..
1324	♯Puerto Madryn	42 49	W. 64 58	14	1009·2	1010·9	- 3·5	289·1	303·2	27th	275·2	269·0	13th	282·1	*282·7*	-0·8	25	..
1365	Launceston	41 27	E.147 10	10·1	1017·7	1018·9	+ 7·3	288·5	295·3	29th	278·0	272·4	6th	283·2	*282·4*	-0·1	35	..
1366	Hobart	42 53	147 20	53·9	1012·4	1019·0	+ 8·1	287·9	294·7	29th	279·0	274·1	6th	283·4	*282·6*	-0·2	88	..
1370	Invercargill	46 25	168 21	3·7	..	..	..	285·4	292·4	24th	276·4	272·4	4th	280·9	..	-0·8	99	..
1371	Dunedin	45 52	170 31	6·1	..	1016·4	+ 4·7	285·9	292·4	24th	277·1	273·6	10th	281·5	..	-0·4	124	..
1371a	Christchurch	43 31	172 39	7·6	..	1016·2	+ 4·3	286·3	294·3	25th	277·9	271·5	13th	282·1	..	-0·3	12	..
1372	Wellington	41 16	174 46	3·0	..	1017·3	+ 3·6	287·7	291·8	18th	280·5	275·8	30th	284·1	..	+0·2	76	..

SEPTEMBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	996·8	1003·6	- 0·4	278·8	281·6	23rd	275·2	273·0	12th,15th	277·0	*277·7*	-0·1	116	..
1422	Puerto de Punta Arenas	53 10	70 54	28	1000·8	1004·3	- 0·6	278·9	283·0	sev. dates	274·3	269·8	14th	276·6	*276·8*	-0·8	98	..
1423	♯Punta Dungeness	52 24	68 26	5	1003·0	1003·6	- 0·4	277·9	281·5	26th	274·2	268·5	1st	276·1	*276·3*	-1·1	23	..
1424	Santa Cruz	50 1	68 31	12	1003·2	1004·7	- 2·7	282·4	290·0	26th	274·1	268·9	1st	278·3	*278·0*	-1·3	17	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1002·5	- 1·4	278·1	283·6	28th	272·3	266·9	15th	275·2	..	-1·7	46	..
1426	Cape Pembroke	51 41	57 42	21·3	1000·5	1003·1	- 2·3	278·1	284·7	27th	272·9	267·4	15th	275·5	275·7	-1·2	..	..
1429	§S.Georgia (Cumberland Bay)	54 14	36 33	4	1001·3	1001·8	+ 1·7	273·2	277·6	27th	267·0	260·4	2nd	270·1	*270·3*	-2·9	98	..

SEPTEMBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	997·8	998·7	+ 5·2	287·9	273·6	8th	259·5	245·0	1st,19th	263·7	264·5	-1·5	21	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, OCTOBER 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER 1927 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. OCTOBER - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1015·4	1015·7	..	286·1	273·1	4th	260·1	252·2	29th	263·1	..	..	22	..
105	♯Barrow	71 23	156 17	7·0	..	1010·8	..	284·3	273·0	1,2,7	258·4	250·8	13th	261·3	..	-2·9	6	-12
125	Upernivik	72 47	56 7	19·2	1012·6	1015·0	+ 6·0	271·4	275·7	13th	267·8	263·1	22nd	269·6	*269·7*	+0·7	8	-20
131	Myggbukta	73 30	21 30	3·2	..	1018·6	..	..	271·6	2nd	..	242·2	30th	..	*261·6*	..	6	..
132	Scoresbysund	70 29	21 58	18·9	1015·2	1017·4	..	269·0	275·2	6th	263·3	252·7	31st	266·1	*266·0*	..	7	..
135	♯Jan Mayen	70 59	W. 8 18	23·1	1007·6	1010·5	+ 4·0	..	279·6	7th	269·9	265·0	30th	..	*271·7*	-0·7	44	- 3
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1007·3	1008·7	- 0·2	..	276·3	6th,7th	265·8	258·1	28th	..	267·2	0·0	4	-26
140	Björnöen	74 26	19 17	40·5	998·5	1003·6	- 2·2	..	277·3	7th	269·6	263·9	20th	..	*271·2*	-0·8	98	+60
141	Ingøy	71 4	24 6	7·5	1001·0	1001·9	- 1·0	..	282·5	2nd	273·4	268·2	28th	..	*275·0*	-0·9	54	-19
142	Mehavn	71 1	27 47	10·2	1001·8	1003·1	- 4·8	..	283·0	2nd	271·0	261·3	28th	..	*273·3*	-1·3	72	-16
143	Vardö	70 22	31 6	11·8	1001·5	1003·0	- 5·0	..	282·2	2nd	272·1	265·4	28th	..	*273·8*	-0·8	38	-25
147	Malye Karmakouly	72 23	52 43	15·3	1004·4	1006·3	- 1·9	272·4	276·3	2nd,3rd	269·1	255·2	31st	270·7	*270·7*	+0·8	21	- 9
148	Waigatz	70 24	58 47	11·2	1005·1	1006·5	..	..	275·4	1st,2nd	268·9	261·9	31st	..	*271·3*	-0·2	11	-11
153	Dickson	73 31	80 23	13·0	1009·8	1011·5	+ 3·8	269·0	274·0	12th	264·9	254·5	31st	267·0	*267·1*	+0·8	6	- 7
162	Bouloune	70 45	127 47	35	1013·0	1017·6	..	..	..	..	264·0	251·7	28th	..	*266·5*	+5·9	14	..

BETWEEN LATITUDE 70° N. AND 60° N. OCTOBER - ZONE 2.

		N.	W.															
201	Preobrajenye	64 52	175 18	? 31	1010·4	1016·4	..	..	..	..	267·4	256·2	31st	..	*269·8*	..	5	..
203	Nome	64 30	165 24	6·7	1004·5	1005·1	+ 0·2	272·0	276·9	9th	264·9	255·2	30th	268·5	*268·5*	-2·9	27	-10
204	Candle	65 55	161 57	2·4	..	..	..	271·1	276·3	2,5,9	262·3	250·8	31st	266·7	..	-1·6	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	274·4	283·0	2nd	266·4	255·2	13th	270·4	..	..	50	..
206	Tanana	65 10	152 6	69·5	997·3	1005·7	- 1·6	269·9	280·2	1st	262·0	245·8	28th	265·9	*265·7*	-2·0	18	- 9
208	Rampart	65 30	150 15	114	..	..	..	269·6	279·7	1st	262·2	245·8	29th	265·9	..	-1·4	9	-16
207	Valdez	61 7	146 16	122	..	..	..	277·9	285·8	4th	271·0	261·9	31st	274·5	..	..	109	..
208	Eagle	64 46	141 12	248	976·9	1004·7	- 0·8	271·9	280·8	22nd	263·1	245·2	31st	267·5	*267·3*	-1·5	14	- 6
210	Dawson	64 4	139 29	324	965·2	1005·9	- 4·2	271·9	280·8	16th	261·9	245·8	30th,31st	266·9	*267·1*	-2·9	21	- 8
210a	Carcross	60 11	134 34	662	..	..	..	..	..	..	..	..	..	..	..	..	..	..
211	Mayo Landing	63 35	135 51	7579	945·8	1017·3	..	274·1	281·3	16th	265·2	248·6	31st	269·7	*269·7*	..	13	..
212	Fort Good Hope	66 25	128 53	65·2	1002·1	1010·6	- 3·4	269·3	281·3	17th	260·0	251·9	14th,27th	264·6	..	-2·3	24	- 2
213	♯Fort Simpson	61 52	121 35	129	990·8	1006·9	- 4·1	277·1	287·4	16th	268·6	256·3	30th	272·8	..	+1·7	..	..
225	Hay River	60 51	115 20	161	986·0	1005·6	- 6·2	285·8	308·3	15th	270·2	262·4	30th	278·0	..	+4·9	25	+ 2
226	Jacobshavn	69 13	51 2	31·6	1005·9	1009·9	+ 2·3	272·0	282·1	5th	267·3	260·1	22nd	269·7	*269·4*	+0·1	30	+ 6
227	Godthaab	64 11	51 43	20·4	..	..	..	275·5	280·0	14th	270·8	265·2	24th	273·1	*273·2*	+1·0	58	- 5
229	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
231	Angmagsalik	65 37	37 33	29·3	1008·6	1012·3	+ 5·5	274·6	281·3	16th	268·9	261·8	27th	271·7	*271·9*	+0·1	90	-62
232	Stykkisholm	65 5	22 46	25	..	1012·0	+ 6·9	279·2	286·0	11th	274·0	268·4	30th	276·6	*276·5*	+0·3	85	+ 8
233	Vestmanno	63 24	20 17	132	..	1010·6	+ 5·5	279·8	283·9	5th,8th	276·4	269·3	19th	278·1	*277·7*	0·0	129	-18
234	Grimsey	66 33	18 1	22·0	..	1012·4	+ 5·0	276·6	283·2	11th	273·6	268·6	30th	275·1	*276·8*	-0·9	40	+ 5
235	Teigarhorn	64 41	14 22	18·0	..	1012·3	+ 6·0	279·2	286·9	12th	273·6	267·5	24th	276·4	*276·1*	-0·4	14	-112
236	Hjörvig	62 3	6 45	22·9	1008·3	1011·1	+ 3·5	280·8	287·6	9th	276·5	271·8	19th	278·7	*278·9*	-0·8	104	-51
237	Lerwick	60 8	W. 1 11	18·0	..	1009·3	+ 1·0	282·2	285·8	8,9,27	279·3	274·1	22nd	280·8	*280·8*	-0·1	90	-10
238	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1003·5	1008·9	- 1·3	282·2	286·5	8th	278·0	271·7	23rd	280·1	*280·1*	-0·4	306	+101
239	Aalesund	62 28	6 10	6·3	1007·0	1007·8	- 0·8	..	285·8	7th	277·9	272·2	24th	..	*279·6*	-0·9	252	+92
240	Trondhjem	63 26	10 25	59·2	999·5	1006·8	- 3·7	279·2	287·2	9th	274·3	266·9	25th	276·7	*277·0*	-0·7	131	+43
241	Bodö	67 17	14 24	22·3	1001·0	1003·7	- 5·1	..	286·3	3rd	273·9	266·6	29th	..	*275·8*	-1·6	130	+28
242	Haparanda	65 50	24 9	9·2	1003·6	1004·8	- 6·6	274·7	285·5	9th	269·0	256·0	30th	271·9	*272·9*	-2·5	89	+33
242a	Helsingfors	60 10	24 57	11·7	1005·0	1006·4	- 8·0	279·7	286·2	9th	274·6	267·2	15th	277·1	*277·3*	-1·1	127	+61
243	Kuopio	62 55	27 40	233	977·6	1006·5	- 6·1	275·1	284·0	1st	270·9	263·7	26th	273·0	*272·8*	-3·4	73	+22
244	Kola	68 53	33 0	6·7	1003·4	1004·3	- 4·8	272·5	285·0	4th	267·1	251·8	28th	269·8	*269·9*	-2·6	33	+ 6
245	Petrozavodsk	61 47	34 23	79·0	997·1	1007·0	- 7·4	276·6	286·7	3rd	271·9	263·5	24th,28th	274·3	*274·0*	-2·1	32	-13
246	Arkhangelsk	64 34	40 31	6·3	1004·8	1005·6	- 6·7	275·5	286·6	1st	271·3	260·2	30th	273·4	*273·2*	-1·0	56	+16
247	Mezen	65 50	44 16	14·9	1003·4	1005·3	- 5·6	274·6	285·7	5th	269·9	254·8	31st	272·3	*272·2*	0·0	62	+28
248	Oust-Tsylma	65 25	52 18	68	997·9	1006·5	- 5·6	272·9	283·0	1st	269·1	255·7	31st	271·0	*270·8*	-0·4	31	- 5
249	♯Tcherdyn	60 24	56 31	?208	983·4	1009·3	- 6·5	274·6	284·9	2nd	270·0	257·0	31st	272·3	*272·1*	-0·7	89	+35
250	Berezov	68 56	65 4	46	1004·8	1010·6	- 1·5	273·5	280·0	10th	268·5	256·1	30th	271·0	*270·9*	+1·4	55	+31
251	Obdorsk	66 31	66 36	35·2	1006·6	1011·1	- 0·8	271·6	277·9	1st	268·2	260·1	31st	269·9	*269·9*	+1·5	37	+18
252	New Port	67 42	72 57	3·3	..	..	..	271·5	276·3	10th	266·9	254·4	31st	269·2	*269·4*	..	20	..
253	Sourgout	61 15	73 24	40	1007·9	1013·0	- 0·3	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	*271·2*	+0·7	60	+25
281	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
282	Vilioulsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
283	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
284	Verkholansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Pétropavlovskoe	60 25	134 28	?163	997·9	1018·9	..	273·4	284·5	1st	265·3	252·6	26th	269·4	*269·5*	..	9	..
288	Naiakhan	61 55	158 59	29·0	1011·6	1015·3	..	273·8	281·4	5th	266·6	255·3	30th	270·2	*270·7*	..	4	..
271	Novo Martinskii Post	64 45	177 33	? 17	..	..	..	..	278·2	3rd	..	252·6	31st	..	*266·6*	-1·6	21	+ 6
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see pages 105 and 106.

OCTOBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	280·4	284·1	sev. dates	275·8	272·4	27th	278·1	..	..	169	..
302	St. Paul Island	57 15	170 10	12·2	..	1006·1	+ 2·6	277·2	281·3	3rd	274·1	270·8	18th	275·6	..	-1·2	103	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1004·8	1005·4	+ 2·2	281·4	289·7	1st	273·4	268·6	19th	277·4	*277·5*	-0·9	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	∮Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
306	∮Kodiak (Radio)	57 47	152 22	4·6	995·5	996·3	- 3·3	279·4	285·2	7th	269·2	260·8	14,15,28	274·3	..	-0·9	46	-23
								280·4	286·3	7th	273·3	268·0	13th	276·9	*277·0*	-2·0	‡55	
309	Sitka	57 3	135 19	19·8	..	..	..	283·4	289·1	2nd	277·3	273·0	4th	280·3	..	-0·4	368	..
310	Prince Rupert	54 18	130 18	51·8	1002·8	1009·1	- 2·9	284·1	288·6	4th,12th	277·4	271·3	28th	280·8	*280·9*	-0·6	369	..
311	Barkerville	53 2	121 35	1274	864·7	1011·1	- 3·0	278·6	284·7	15th	271·3	264·7	5th	274·9	*274·8*	-0·9	178	..
312	Kamloops	50 41	120 29	385	970·9	1017·1	- 2·9	285·8	295·8	16th	277·1	271·3	31st	281·4	*281·5*	-0·2	38	..
313	Calgary	51 2	114 2	1045	891·6	1012·0	- 1·6	286·3	297·4	16th	273·0	264·1	31st	279·7	*278·8*	+1·3	25	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	279·7	287·7	16th	272·4	264·7	31st	276·1	*276·4*	+2·8	40	..
315	Prince Albert	53 10	105 38	442	958·9	1012·1	- 1·3	284·7	300·8	17th	273·6	267·4	31st	279·1	*278·3*	+2·5	21	..
316	Qu'Appelle	50 30	103 47	645	935·3	1011·8	- 2·3	284·1	298·0	17th	274·7	268·6	13th	279·4	*278·5*	+2·0	44	..
317	Minnedosa	50 15	99 50	515	951·2	1012·7	- 2·6	284·7	295·9	19th	274·2	268·6	9th	279·4	*278·9*	+1·8	33	..
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	269·8	264·7	28th	..	..	..	25	..
318a	Fort Nelson	57 0	92 51	14·9	1009·6	1011·4	- 1·3	?279·1	?287·4	18th	274·1	266·3	29th	?276·6	..	+4·5	8	..
319	Pagwa	50 3	85 18	189	..	..	..	283·1	289·1	7th	274·2	268·0	31st	278·7	..	+2·9	81	..
320	Moose Factory	51 14	80 30	9·1	1008·5	1009·6	- 4·2	281·3	292·4	3rd	273·6	270·8	28th	277·4	..	+0·3	37	..
321	Fort George	53 50	79 5	97·5	..	..	..	?279·4	?288·6	3rd	?273·4	?269·1	7th	?276·4	..	+1·5	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	279·5	285·8	5th	..	..	..	..	..	..	124	..
324	Natashquan	50 8	61 48	6·1	..	..	..	283·7	288·6	2nd	274·8	268·6	7th	279·3	..	+2·7	72	..
326	Belle Isle	51 53	55 23	130	993·8	1010·3	- 0·5	277·8	283·0	4th	273·8	269·7	30th	275·8	*275·8*	0·0	87	..
331	55°-50° N. 30°-25° W.	††52 51	††27 34	§(54)	..	1002·8	..	..	..	Sea Temp.	..	..	..	..	..	..	..	..
333	53°-48° N. 20°-15° W.	††51 7	††17 35	§(37)	..	1013·4	..	..	..	255·5|+0·2	..	..	..	..	..	..	..	..
333a	62°-57° N. 20°-15° W.	..	..	..	..	..	..	..	..	266·8|-0·2	..	..	..	..	..	..	..	..
334	Cahiriveen (Valentia Obs.)	51 56	10 15	13·7	1013·3	1015·0	+ 3·0	287·4	291·0	8th	282·6	277·2	3rd	285·0	285·3	+1·4	109	..
335	Aberdeen	57 10	W. 2 6	26·0	1009·1	1012·3	+ 2·1	284·7	291·2	6th	279·3	272·6	21st	282·0	282·0	+0·6	85	..
336	Greenwich	51 28	0 0	46·3	..	1017·8	+ 4·2	288·2	292·4	30th	279·6	274·1	4th,24th	283·9	283·7	+0·8	32	..
337	Uccle	50 48	E. 4 22	100	1006·3	1018·4	+ 3·9	288·4	291·4	2nd	279·9	274·8	4th	284·1	283·6	+0·9	23	..
338	De Bilt	52 6	5 11	3·0	1017·0	1017·4	+ 3·5	287·6	291·6	8th	279·7	274·8	4th,10th	283·7	283·4	+0·8	42	..
338a	Hamburg	53 33	9 58	40·3	1011·5	1016·4	+ 1·7	286·4	291·0	31st	280·1	273·9	22nd	283·3	*282·9*	+0·8	67	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1012·0	1012·6	- 0·8	284·7	287·6	2nd,8th	278·9	274·5	22nd	281·8	*282·3*	+1·1	89	..
340	Potsdam	52 23	13 4	84·9	1007·0	1017·4	+ 1·9	286·3	291·3	27th	279·0	272·0	22nd	282·7	*282·3*	+0·9	63	..
340a	Uppsala	59 51	17 38	24·	1004·3	1007·2	- 5·9	281·0	287·3	8th	273·7	266·4	23rd	277·3	*277·1*	+0·7	87	..
341	Warsaw	52 13	21 3	89·9	1006·0	1017·0	- 6·6	285·0	299·8	1st	275·3	268·0	31st	280·1	*279·8*	+2·4	63	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	998·2	1008·2	- 7·2	279·7	288·0	3rd	274·1	265·9	16th	276·9	276·7	-1·2	108	..
343	Leningrad	59 56	30 16	8·6	1006·4	1007·5	- 7·7	278·3	288·3	3rd	274·1	266·6	26th	276·2	*276·0*	-1·7	52	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	990·4	1011·0	- 8·2	280·2	294·9	3rd	273·5	266·2	31st	276·9	*276·5*	-0·2	89	..
345	Saratov	51 32	46 2	127	999·4	1015·0	- 5·9	285·9	298·6	1st	276·5	267·4	31st	281·2	*280·9*	+3·4	31	..
346	Kazan	55 47	49 8	79·9	1001·1	1011·0	- 9·0	280·4	294·1	4th	274·2	259·5	31st	277·3	*277·1*	+0·7	87	..
347	Orenburg	51 45	55 6	109	1002·6	1016·0	- 6·6	285·0	299·8	1st	275·3	268·0	31st	280·1	*279·8*	+2·4	63	..
348	Perm	58 1	56 16	183	990·3	1010·6	- 7·2	277·1	289·5	5th	272·3	260·9	31st	274·7	*274·4*	+0·3	93	..
349	Sverdlovsk	56 50	60 38	281	977·4	1012·2	- 5·5	276·1	285·2	9th	271·8	259·5	31st	274·0	*273·9*	+0·4	99	..
350	∮Tobolsk	58 12	68 14	108	1001·5	1015·1	- 1·5	..	..	..	270·5	256·6	31st	..	*273·2*	0·0	83	..
351	∮Akmolinsk	51 12	71 23	353	976·8	1020·1	- 3·5	282·0	290·9	11th,12th	271·1	264·4	16th	276·6	*276·5*	+1·6	48	..
352	∮Omsk	55 1	73 19	108	1004·4	1018·0	- 1·7	278·9	290·8	11th	270·8	264·5	26th	274·8	*274·7*	+0·1	42	..
353	Barnaoul	53 20	83 48	158	1001·5	1021·2	- 1·4	281·5	292·0	14th	271·4	264·2	17th	276·5	*276·0*	+1·6	41	..
354	Tomsk	56 30	84 58	122	1003·9	1019·2	- 0·7	279·0	289·4	12th	271·6	263·9	18th	275·3	*275·0*	+2·1	50	..
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolsevsk-sur-Amour	53 8	140 45	42·2	1008·3	1013·6	+ 1·8	279·5	285·6	9th	273·1	266·8	20th	276·3	*276·7*	+1·8	171	..
366	Okhotsk	59 21	143 17	5·5	1016·8	1017·5	+ 5·6	278·5	282·6	4th	267·9	259·6	30th	272·2	*271·8*	+1·5	19	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	999·5	1010·2	+ 1·5	..	..	..	275·8	270·2	27th	..	*278·0*	+1·4	176	..
369	Kluchevskoye	56 21	160 48	? 30	1009·4	1013·1	..	..	..	..	271·0	259·5	31st	..	*274·9*	..	90	..
370	Nikolskoe	55 12	165 59	6·8	1010·7	1011·5	..	280·4	283·6	4th	274·8	268·8	28th	277·6	..	..	83	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 1
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

OCTOBER - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·1	1015·6	- 1·5	286·1	290·8	15th	280·9	276·3	31st	283·5	283·2	+0·3	120	+55
412	Portland, Oregon	45 32	122 41	46·6	1011·8	1017·3	- 1·0	289·9	296·9	15th	281·6	274·1	31st	285·8	*285·2*	+0·8	67	-16
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	287·2	298·6	17th,21st	276·7	269·7	31st	281·9	*281·6*	+2·0	19	+ 2
414a	Salt Lake City	48 34	112 4	1253	873·3	1015·6	- 1·5	288·2	299·7	16th	276·7	269·7	31st	282·4	*282·1*	+2·3	21	- 1
415	Cheyenne	40 46	111 54	1329	869·4	1017·3	+ 0·4	291·7	300·8	18th	280·4	273·0	31st	286·0	*286·1*	+1·7	30	- 9
416	North Platte	41 8	104 48	1856	814·1	1016·2	0·0	289·8	296·3	18th	274·9	269·1	6th	282·4	*282·3*	+2·2	45	+24
416a	Bismarck	41 8	100 45	860	916·8	1015·6	- 1·3	295·7	304·7	18th	277·1	271·9	13th	286·4	*285·0*	+3·3	7	-20
417	Winnipeg	46 47	100 38	510	953·2	1013·9	- 2·3	289·9	304·1	19th	275·4	269·7	8th	282·7	*282·1*	+2·7	13	-11
418	Duluth	49 53	97 7	232	985·4	1013·6	- 1·3	285·8	297·2	19th	275·9	271·3	8th	280·7	*280·0*	+2·9	81	+46
		48 47	92 6	345	972·3	1013·9	- 2·0	285·4	296·3	19th	276·1	269·7	9th	280·8	*280·0*	+1·3	23	-39
419	Port Arthur																	
420	Chicago	48 27	89 12	196	990·0	1013·9	- 1·9	284·1	293·6	19th	276·3	269·7	17th	280·2	*279·8*	+2·1	42	-19
421	Toronto	41 47	87 35	205	991·4	1015·9	- 1·4	292·1	301·3	27th	282·8	277·4	19th	287·4	*286·9*	+1·7	45	-20
422	∮New York (Central Park)	43 40	79 24	116	1001·0	1015·0	- 2·5	289·1	296·8	6th	279·8	274·9	30th	284·4	284·3	+2·2	56	- 9
423	St. John, N.B.	40 47	73 58	47·4	1009·8	1015·5	- 2·6	292·6	305·2	2nd	284·1	279·1	30th	288·3	288·2	+1·9	229	+131
424	S.W. Point, Anticosti	45 17	66 4	36·3	1008·3	1012·7	- 3·2	285·9	295·3	1st	279·7	271·6	31st	282·8	282·5	+2·4	127	+12
424a	Sable Island (Main Station)	49 24	63 33	9·1	1010·9	1012·0	- 1·2	281·3	285·8	4,18,21	277·4	270·8	31st	279·4	*279·4*	+2·0	88	- 2
425	Port aux Basques	43 57	60 6	7·6	1013·1	1014·0	- 2·5	287·4	293·0	14th	283·6	276·3	31st	285·5	*285·3*	+1·2	212	+86
428	St. John's, Newfoundland	47 35	59 10	9·1	1010·7	1011·8	- 2·3	283·8	290·2	1st	278·9	271·6	31st	281·3	*281·2*	+1·5	161	+22
		47 34	52 42	74·1	1002·1	1011·1	- 2·2	..	..	..	277·6	272·4	31st	..	†*280·7*	+0·2	81	-56
435	Madrid																	
436	Nantes	40 24	3 41	667	941·0	1017·9	+ 0·5	293·5	300·7	4th	283·2	278·6	24th	288·3	*287·5*	+2·0	51	+ 5
		47 15	W. 1 34	36·5	1014·0	1018·4	+ 3·0	288·9	293·3	10th	281·3	277·2	5th,6th	285·1	285·0	+0·9	21	-75
437	Paris (Parc St. Maur)																	
438	Marseille	48 49	E. 2 30	50·3	1013·7	1019·8	+ 3·9	288·8	294·4	2nd	279·9	275·3	6th	284·3	283·9	+0·9	18	-37
438a	Zürich	43 18	5 23	75	..	1017·1	+ 2·4	293·4	297·4	3rd	281·5	277·7	27th	287·5	*286·4*	-1·4	19	-79
439	Rome	47 23	8 33	493	962·4	1021·2	+ 3·8	287·3	293·6	3rd	278·4	274·3	6th	282·8	281·8	+0·2	29	-62
440	Vienna	41 54	12 27	45·5	1010·9	1016·3	+ 0·3	295·0	299·0	4th	284·9	280·6	31st	289·9	*289·8*	+0·2	140	+12
440a	Budapest	48 15	16 22	203	995·5	1020·1	+ 2·6	286·8	293·4	27th	278·8	275·9	11th	282·8	282·5	-0·5	24	-23
441	∮Sofia	47 31	19 1	130	1004·1	1020·0	+ 2·1	289·2	295·3	3rd	279·2	274·8	7th	284·2	283·3	-0·5	24	-35
442	Bucharest	42 42	23 20	550	954·5	1019·1	+ 0·4	289·2	295·8	18th	281·2	274·6	12th	285·2	*284·5*	+0·3	66	+ 8
		44 25	26 6	82	1009·3	1019·2	+ 0·2	290·9	299·3	1st	281·8	276·1	27th	286·3	285·7	+1·1	27	-16
443	Odessa (Observatory)																	
444	Kharkiv (University)	46 26	30 46	42·8	1013·7	1018·9	- 0·9	..	297·7	4th	..	273·8	26th	..	*286·0*	+1·7	26	- 5
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1013·5	1018·0	- 0·8	293·2	304·0	2nd	285·1	276·7	14th	289·1	*288·9*	+1·5	80	..
446	Astrakhan	41 43	44 48	404	971·4	1018·2	- 2·9	297·4	303·4	8th	285·2	280·9	18th	291·3	*290·7*	+4·1	4	+32
447	Fort Alexandrovsk	46 21	48 2	-2C	1020·8	1018·4	- 4·6	291·6	302·0	1st	282·7	274·0	15th	287·1	*286·6*	+4·2	10	-23
448	Krasnovodsk	44 31	50 7	-23·0	1021·0	1018·3	- 3·3	293·3	301·7	6th	286·0	280·5	16th	289·6	*289·6*	+3·9	20	-27
		40 0	52 59	-4·8	1017·9	1017·2	- 3·3	297·5	304·0	7th	290·8	285·6	12th	294·0	*294·0*	+4·6	35	+ 9
449	Kasalinsk															+4·0	4	+22
450	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	278·2	271·9	24th	..	*284·1*	+3·7	4	- 5
451	Narynskoe	41 20	69 18	478	962·8	1018·3	- 3·8	297·2	301·4	6th	282·3	279·3	30th	289·7	*289·1*	+4·1	4	-23
452	Alma Ata	41 26	76 13	2015	..	..	..	288·5	293·3	11th	274·9	271·6	14th,27th	281·7	*280·8*	+2·8	14	0
		43 16	76 53	841	923·4	1020·0	- 2·8	291·9	298·2	14th	279·9	267·6	9th	285·9	*285·7*	+4·5	65	+17
461	Moukden																	
462	Joshin	41 48	123 23	43·8	1012·4	1017·8	- 1·4	289·1	299·8	5th	276·6	270·9	22nd	282·9	282·2	+0·2	60	+21
463	Yuki	40 40	129 11	31·9	1012·2	1016·1	- 1·9	290·5	297·5	3rd	280·5	274·0	30th	285·5	285·2	+0·6	72	+25
464	Vladivostok	42 20	130 24	63·8	1007·8	1015·6	- 2·0	288·3	296·1	8th	279·1	269·6	30th	283·7	283·7	+0·8	69	- 5
465	Ochiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
466	Nemuro	47 20	142 47	27·4	1009·7	1013·1	- 0·9	285·4	292·6	1st	276·1	270·3	19th	280·7	280·8	+1·4	87	-12
466a	Syana	43 20	145 35	26·7	1011·8	1015·0	- 0·7	288·1	295·4	4th	281·1	275·7	24th	284·6	284·8	+1·2	76	-21
		45 14	147 53	39·3	1009·5	1014·3	- 0·9	285·8	291·4	2nd	279·0	272·1	30th	282·4	282·7	+0·9	100	-10
		N.	E.															

BETWEEN LATITUDE 40° N. AND 30° N.

OCTOBER - ZONE 5 (AMERICA).

508	35°-30° N. 145°-140° W.	N. ..	W. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 48	122 26	47·2	1009·1	1014·9	- 1·7	294·9	303·0	12th	285·0	281·9	14th	289·9	*288·6*	+2·0	49	+25
512	San Luis Obispo	35 18	120 39	61·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
512a	Sacramento	38 35	121 30	21·0	1011·7	1014·2	- 1·1	298·7	305·2	13th	284·3	280·8	6th	291·5	*292·0*	+1·3	37	+17
513	San Diego	32 43	117 10	26·5	1010·6	1013·5	- 0·6	295·0	307·4	20th	287·3	285·2	2nd	291·1	*290·5*	+0·8	45	+36
514	Modena	37 48	113 54	1858	835·2	1015·8	+ 0·2	292·7	298·6	15th	274·3	267·4	8th	283·5	*283·5*	+1·6	42	+18
515	Santa Fé	35 41	105 57	2138	789·7	1015·9	+ 0·9	291·1	294·7	20th	278·3	270·2	12th	283·7	*283·5*	+0·8	7	-21
516	Denver	39 45	105 0	1813	838·7	1016·2	0·0	293·0	299·1	19th	278·2	271·9	12th	285·6	*285·7*	+2·3	5	-20
517	Abilene	32 23	99 40	530	955·5	1016·8	- 0·5	300·1	305·2	11th	285·1	279·7	17th	292·6	*291·0*	+1·4	18	-45
518	Saint Louis	38 38	90 12	173	998·4	1016·9	- 1·2	295·6	303·0	6th	284·7	277·4	18th	290·1	*289·7*	+2·5	118	+46
519	Mobile	30 41	88 2	17·4	1014·5	1016·6	- 0·8	300·1	305·2	5th	288·8	279·7	19th	294·4	*293·8*	+1·6	72	-17
520	Nashville	36 10	86 47	186	998·6	1018·6	- 0·8	297·3	304·1	1st	283·8	276·3	19th	290·6	*290·7*	+1·8	95	+34
521	Charleston	32 47	79 56	14·6	1014·4	1018·2	- 1·9	298·1	303·6	4th	289·6	280·2	19th	293·9	*293·9*	+1·5	60	-31
522	Washington	38 54	77 3	34·1	1011·8	1015·9	- 3·0	294·5	306·9	1st	283·1	277·4	16th	288·8	*288·0*	+2·0	135	+62
524	Bermuda	32 17	64 46	48·0	1011·6	1016·9	+ 0·5	301·1	304·3	29th	293·3	290·1	31st	297·2	*297·1*	+0·8	129	-19
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

OCTOBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]
530	Santa Cruz (Flores)	39 27	31 9	40	1005·9	1010·6	- 9·6	294·2	297·4	1st	289·2	285·0	30th	291·7	291·7	-0·3	308	[illegible]
531	Horta	38 32	28 38	65	1003·4	1011·2	- 8·0	293·7	298·6	2nd	289·6	284·9	29th	291·6	291·6	-0·5	196	[illegible]
532	Ponta Delgada	37 44	25 40	22	1009·9	1012·5	- 5·8	293·8	296·5	3rd	290·4	287·8	9th,30th	292·1	292·2	+0·4	..	[illegible]
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	132	[illegible]
533	Madeira (Funchal)	32 38	16 55	25	1014·2	1017·1	- 1·0	296·5	298·2	10th	292·4	290·7	11th	294·4	*294·4*	+1·2	100	[illegible]
535	Lisbon	38 43	9 9	95	1005·0	1016·2	- 0·5	295·5	301·7	8th	287·8	284·9	24th	291·6	291·3	+1·5	119	[illegible]
535a	Melilla	35 17	2 59	40	1012·2	1016·9	..	296·2	298·9	22nd	290·8	287·1	20th	293·5	*293·2*	-0·6	62	[illegible]
536	øGibraltar	36 6	5 21	16·2	..	1016·4	- 0·9	295·2	298·6	3rd	290·0	287·4	20th	292·6	*292·4*	+0·5	88	[illegible]
536a	Colomb-Béchar	31 36	W. 2 4	769	929·5	1014·7	..	299·9	306·0	6th	286·4	282·5	21st	293·1	*292·7*	..	2	[illegible]
537	Palma	39 34	E. 2 39	23	1014·2	1016·9	- 0·1	297·0	300·6	5th	286·0	282·8	25th	291·5	*290·6*	-0·4	68	[illegible]
538	øAlgiers (Bouzaréah)	36 48	3 2	342	976·6	1016·6	+ 0·7	294·5	298·0	15th	288·6	285·3	17th	291·5	291·0	0·0	27	[illegible]
538a	øGadames	30 9	9 30	351	..	..	..	303·6	309·5	5th	288·0	278·0	16th	294·8	..	-1·5	19	[illegible]
539	Tunis	36 48	10 10	75	1009·2	1018·1	..	295·8	301·7	16th	287·1	281·8	30th	291·4	*291·3*	-1·2	44	[illegible]
539a	Malta	35 54	14 31	56·4	..	1016·1	+ 0·5	295·7	300·8	18th	291·1	287·4	7th	293·4	*292·5*	-1·2	9	[illegible]
540	Riposto	37 41	15 14	14·2	..	1017·0	- 0·7	295·3	298·8	19th	287·8	283·0	7th	291·5	*292·3*	-0·5	59	[illegible]
541	Athens	37 58	23 43	107	1003·3	1015·9	- 1·0	296·3	301·5	1st	289·9	285·9	14th	293·1	292·5	+0·6	92	[illegible]
542	Alexandria	31 12	29 53	32·0	1012·3	1016·0	0·0	302·7	307·2	1st,7th	294·4	291·3	31st	298·6	*297·8*	+1·4	0	[illegible]
543	Ankara (Angora)	39 58	32 48	**861	919·1	1016·6	- 2·1	294·9	302·7	3rd	282·5	278·0	16th	288·7	*288·5*	..	7	[illegible]
543a	øNicosia (P.W.D.)	35 9	33 22	159	995·9	1014·2	- 0·6	301·7	306·9	1st,22nd	288·9	286·9	7th,16th	295·3	..	+1·2	65	[illegible]
544	Beirut	33 54	35 28	33·7	..	1015·0	- 0·3	300·7	303·0	1st	294·1	290·1	31st	297·4	*297·3*	+0·7	150	[illegible]
545	Hinaidi	33 17	44 29	32·3	..	1013·3	- 0·5	308·0	311·3	1,2,4	289·1	285·2	20th,25th	298·6	*298·9*	+1·2	0	[illegible]
546	Lenkoran	38 46	48 51	-20·0	1019·6	1017·2	- 3·3	..	299·7	5th	287·6	284·3	21st	..	*291·8*	+2·4	99	[illegible]
547	Tehran	35 41	51 25	1220	..	..	..	299·4	302·6	1st,8th	287·4	285·3	18th	293·4	*293·4*	+2·5	0	[illegible]
548	Meshed	36 17	59 38	946	879·0	..	..	297·8	302·7	14th	280·1	277·9	22nd	288·9	..	+2·5	0	[illegible]
549	Seistan	31 0	61 30	610	..	..	..	303·7	309·0	15th	286·7	282·2	11th	295·2	..	+1·7	0	[illegible]
550	Quetta	30 11	67 3	1677	836·2	..	+ 0·1	298·8	302·7	19th	275·1	272·7	24th,28th	286·9	*286·9*	0·0	0	[illegible]
551	Peshawar	34 2	71 37	339	973·8	1012·8	- 0·5	305·6	308·7	16th	288·9	287·3	29th	297·3	*296·5*	+1·5	0	[illegible]
551a	Lahore	31 34	74 20	214	986·5	1011·1	- 0·3	307·6	309·9	14th	290·9	288·6	31st	299·2	*298·4*	+1·2	0	[illegible]
552	Simla	31 7	77 8	2204	783·9	..	+ 0·4	289·7	292·4	7th	283·9	278·5	23rd	286·8	*286·8*	-0·4	90	[illegible]
552a	Leh	34 10	77 42	3503	669·8	..	+ 0·7	289·1	292·0	16th	273·3	270·2	31st	281·2	*280·3*	+1·2	0	[illegible]
559	øHankow	30 35	114 17	37·0	1015·8	1020·2	- 0·2	297·3	306·1	9th	287·3	279·3	15th	292·3	*291·8*	+0·5	32	[illegible]
560	øTientsin	39 10	117 10	5·0	1018·3	1018·9	- 1·5	294·8	302·7	1st,5th	281·3	272·9	29th	288·1	*287·5*	+0·5	0	[illegible]
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1019·1	0·0	294·2	306·1	10th	285·3	276·9	29th	289·7	289·9	-0·6	31	[illegible]
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1010·5	1018·6	- 0·4	291·6	300·6	7th	282·6	277·0	13th,16th	287·1	286·9	-0·4	54	[illegible]
562a	Nagasaki	32 44	129 52	133	1001·9	1017·6	+ 0·8	295·1	300·4	9th	286·7	281·8	15th	290·9	290·1	-0·9	108	[illegible]
563	Kyoto	35 1	135 44	42·9	1012·5	1017·6	+ 1·1	295·6	300·4	1st,10th	283·8	277·3	15th	289·7	289·1	+0·4	45	[illegible]
564	Tokyo	35 41	139 46	5·8	1016·5	1017·2	+ 0·4	294·0	300·7	3rd	285·6	279·3	19th	289·8	289·7	+0·9	80	[illegible]
565	øHukusima	37 45	140 24	62·0	1009·6	1017·1	+ 0·1	294·1	300·4	7th	281·6	274·0	19th	287·9	286·9	+0·2	78	[illegible]
566	Miyako	39 38	141 59	30·4	1012·9	1016·6	- 0·1	292·5	298·2	3rd,5th	281·2	275·0	24th	286·9	285·9	+0·3	122	[illegible]
		N.	E.															

OCTOBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1014·1	1014·5	- 1·9	301·1	303·0	9th	293·8	291·3	25th,31st	297·4	*296·9*	+0·8	112	[illegible]
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	+ 0·9	301·1	302·4	2nd	295·7	294·1	18th	298·4	*298·3*	+0·5	18	[illegible]
613	Guaymas	27 55	110 53	8·3	1010·7	1011·7	..	304·3	307·0	2nd	294·0	289·4	31st	299·1	*298·4*	-1·8	0	[illegible]
615	Chihuahua	28 38	106 4	1423	859·8	1012·2	- 0·5	299·1	305·5	4th	283·4	276·5	31st	291·2	*292·0*	+0·5	30	[illegible]
616	Leon	21 7	101 41	1809	821·3	1010·9	- 0·7	299·2	301·8	25th	283·6	278·7	18th	291·4	*290·5*	-0·5	40	[illegible]
616a	Monterry	25 40	100 18	528	954·8	1014·2	- 0·1	300·7	306·3	2nd	291·0	285·9	18th	295·8	*295·5*	+1·0	61	[illegible]
617	øTulancingo	20 5	98 22	2181	790·5	1010·8	+ 0·1	293·7	298·9	1st	281·7	275·8	18th	287·7	*286·9*	-0·6	51	[illegible]
618	Galveston	29 18	94 50	16·5	1014·9	1016·9	- 0·2	300·3	304·1	3rd	293·7	289·1	19th	297·0	*296·5*	+1·7	13	[illegible]
618a	New Orleans	29 57	90 4	16·2	1014·5	1016·2	- 0·7	300·8	305·2	6th	291·8	284·1	18th	296·3	*295·6*	+1·6	57	[illegible]
619	øMerida, Yuc.	20 58	89 38	22	1010·4	1012·9	- 0·6	303·3	307·2	1st	295·0	292·0	23rd	299·2	*298·0*	+0·1	155	[illegible]
620	Havana	23 7	82 25	77·0	..	1011·8	- 1·6	301·9	305·9	12th	295·2	292·5	22nd	298·5	298·2	..	442	[illegible]
620a	Key West	24 33	81 48	6·7	1012·2	1012·8	- 0·9	301·7	304·7	3rd	296·4	291·9	19th	299·0	*298·7*	0·0	233	[illegible]
621	Nassau, Bahamas	25 5	77 20	9·6	..	1012·7	- 1·4	301·3	304·7	2nd	295·9	290·8	21st	298·6	*298·6*	-0·9	369	[illegible]
622	øWatling Island	24 6	74 26	33·5	1009·3	1013·1	- 1·2	..	304·1	9th,10th	..	295·2	22nd	..	*300·7*	+0·2	..	[illegible]
633	Port Etienne	20 56	17 3	4	..	..	..	306·4	313·4	3rd	294·2	291·0	27th	300·3	*298·6*	..	..	[illegible]
634m	Izaña	28 19	16 30	2367	769·1	..	- 0·2	287·3	291·9	6,8,9	280·4	276·1	17th	283·9	*283·4*	+1·5	95	[illegible]
634	La Laguna	28 28	16 20	547	953·2	1015·7	- 0·8	296·6	304·3	8th	287·7	284·6	12th	292·1	*291·5*	+0·4	61	[illegible]
636	Adrar	27 38	W. 0 4	285	982·9	1015·5	..	307·5	310·4	6th	290·4	285·8	19th	299·0	*300·0*	..	0	[illegible]
638	Laperrine	22 36	E. 5 26	1350	..	..	..	304·1	307·5	1st	289·8	285·0	11th	296·9	*297·7*	..	5	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	298·0	310·2	2nd	285·6	281·0	28th	291·8	*291·0*	..	2	[illegible]
642	Siwa	29 12	25 29	-23	1018·6	1015·8	..	305·8	310·5	26th	288·9	284·3	31st	297·4	..	..	0	[illegible]
643	øCairo (Helwan)	29 52	31 20	116	1001·6	1014·8	- 0·3	305·3	310·1	27th	293·2	289·7	31st	299·2	*298·8*	+2·2	0	[illegible]
643a	Aswan	24 2	32 53	100	1000·3	1011·4	0·0	312·5	316·0	14th	295·6	293·9	12th	304·0	*303·6*	+2·8	..	[illegible]
644	Tor	28 14	33 37	1·9	1012·0	1012·3	- 0·1	303·5	309·5	8th	293·3	290·0	28th	298·4	*298·7*	+1·7	0	[illegible]
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
**Height changed from 970 m. to 861 m. from October 1st.
øChange of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

OCTOBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1010·0	1010·5	..	304·2	306·9	2nd	295·9	293·2	30th	300·1	*299·4*	+0·7	0	- 2
648	Jask	25 45	57 45	4·0	1009·1	1009·6	..	305·8	308·6	9th	297·4	295·2	29th	301·6	*300·9*	+0·2	0	- 1
649	Karachi	24 53	66 57	4·0	1011·8	1012·3	+ 0·3	303·3	305·3	25th,28th	297·7	295·2	30th	300·5	*299·8*	+0·6	0	0
650	Jacobabad	28 17	68 29	56·7	1004·6	1011·0	0·0	310·9	313·8	9th	292·1	287·0	28th	301·5	*300·7*	+1·2	0	- 1
651	Jaipur	26 56	75 52	436	964·0	1012·8	+ 0·6	307·6	308·8	6th,9th	292·4	287·9	29th	300·0	*299·3*	+0·8	0	- 8
652	Nagpur	21 8	79 5	310	977·3	1012·4	+ 0·6	305·6	307·7	17th	293·0	290·2	27th	299·3	*298·8*	0·0	41	-13
653	Allahabad	25 25	81 51	94·2	1000·3	1011·0	- 0·2	305·8	307·3	19th,21st	293·8	290·6	26,27,28	299·8	*299·0*	+0·5	52	- 7
653a	Darjeeling	27 3	88 15	2265	778·6	..	+ 0·2	290·0	294·3	9th	283·9	280·1	25th,30th	286·9	*286·9*	+0·8	53	-62
654	Calcutta	22 36	88 23	6·4	1010·4	1011·2	+ 0·2	305·1	306·5	14th,18th	297·1	293·3	29th	301·1	*300·8*	+1·1	74	-32
655	Gauhati	26 8	91 41	59·7	1006·0	1012·8	+ 0·3	303·6	307·1	11th	294·4	290·7	27th	299·0	*298·3*	-0·1	32	-39
655m	Cherrapunji	25 15	91 42	1313	869·9	..	- 0·1	295·1	298·4	13th	288·9	286·3	19th	292·0	*291·4*	+0·1	719	+179
655a	Akyab	20 11	92 56	6·1	1010·8	1011·5	+ 0·4	302·9	304·7	24th	296·7	294·0	26th	299·8	*299·4*	-0·9	261	-17
656	Mandalay	21 59	96 0	76·2	1003·5	1012·1	+ 0·4	305·7	310·1	9th	296·7	293·5	27th	301·2	*300·8*	-0·3	250	+130
656a	Tengyueh	25 2	98 33	1626	837·1	1010·6	..	294·3	301·3	..	284·6	279·1	..	289·5	*288·7*	-0·3	200	+20
657	Phu Lien	20 48	106 38	116	1001·0	1014·3	+ 1·0	301·4	306·6	6th	293·7	287·8	14th	297·6	297·0	-0·7	56	-74
658	Moncay	21 31	107 51	9·0	1013·4	1014·4	+ 0·8	301·6	307·9	6th	293·1	285·1	20th	297·3	*297·8*	-0·8	102	-66
659	Hongkong	22 18	114 10	33·2	..	1014·7	+ 1·0	299·4	304·3	6th	294·8	288·7	15th	297·0	296·8	-0·8	138	+13
661	øTaihoku, Formosa	25 2	121 31	9·3	1015·0	1016·1	+ 1·0	300·9	308·1	5th	292·0	285·5	28th	296·5	296·0	+0·1	38	-84
661a	øBasco	20 28	121 59	18·7	..	1011·4	+ 0·9	302·4	306·3	2nd	297·2	293·3	28th	299·8	299·5	+0·1	198	-136
662	Naha	26 12	127 39	29·5	‡1013·8	‡1014·7	+ 2·7	299·5	303·8	7th	293·7	288·8	31st	296·6	296·6	-0·3	22	-140
665	øTitizima (Bonin Islands)	27 5	142	4·1	1012·5	1013·0	- 0·2	301·7	303·8	6th	295·6	291·3	11th	298·7	298·3	-0·2	143	+ 1
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

OCTOBER - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.*	Diff. from Normal.	Total.	Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	955·8	1011·3	+ 0·5	304·4	307·0	14th	292·8	290·5	1st	298·6	*297·3*	-0·5	53	-37
716	Morelia	19 42	101 7	1923	809·9	1010·9	+ 0·2	294·8	298·6	2nd	285·1	281·8	15th	290·0	*289·0*	-0·2	49	-18
717	øMexico, Tacubaya	19 24	99 12	2309	775·1	..	- 0·1	293·9	297·5	6th	281·7	276·4	29th	287·8	*287·2*	-0·4	46	- 5
718	øSalina Cruz	16 12	95 12	56	1004·6	1011·0	- 0·4	302·3	304·2	9th	295·5	293·4	22nd	298·9	*299·3*	-0·6	26	-75
719	San Salvador	13 42	89 13	682	936·0	1011·5	- 0·2	304·7	307·2	23rd	290·8	286·5	29th	297·7	*295·8*	-0·1	284	+17
720	øBelize	17 31	88 11	5·2	1011·4	1011·9	+ 0·2	301·3	303·0	sev. dates	..	..	..	..	‡*296·1*	-1·6	384	+49
721	øJamaica (Negril Pt.)	18 15	78 23	10·1	..	1010·4	- 1·1	304·1	306·3	5th	296·2	294·4	9th	300·1	*299·7*	+0·4	514	+305
722	Port au Prince	18 33	72 20	37·4	1007·0	1011·3	- 0·9	306·2	308·6	1st	296·4	295·0	24th,28th	301·3	*300·3*	+0·9	168	+ 1
723	Caracas	10 30	66 56	1042	898·3	1012·3	+ 0·2	298·5	300·6	21st	289·0	287·5	4th	293·7	*293·0*	-0·2	67	-30
724	San Juan, Porto Rico	18 29	66 7	25·0	1008·9	1011·5	- 1·3	303·0	307·4	20th	296·7	294·7	30th	299·8	*299·3*	+0·2	309	+154
724a	Grenada (Richmond Hill)	12 5	61 46	188	988·8	1010·4	- 0·9	303·8	306·3	6th	297·7	294·1	17th	300·7	*300·1*	+1·0	254	+57
725	øBarbados	13 8	59 36	55·2	..	1011·4	- 0·7	303·4	304·4	1st,11th	296·3	294·7	15th	299·8	*299·6*	+0·4	226	+32
731	São Vicente, C. Verde Is.	16 54	25 4	11	1010·4	1011·6	- 1·8	301·9	303·5	21st	298·1	296·0	14th	300·0	*300·1*	+1·3	22	- 8
732	San Tiago, C. Verde Is.	14 54	23 31	34	1008·4	1012·3	- 1·5	302·7	304·2	17th	298·0	297·0	4,11,20	300·3	*300·6*	+0·5	75	+43
733	Dakar	14 40	17 26	32	1007·5	1011·1	..	302·7	304·5	17th	298·1	294·0	9th	300·4	*300·4*	-0·7	58	+ 8
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·6	305·2	9th	295·8	292·4	20th	299·7	*300·1*	-0·5	138	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	311·5	315·0	16th	296·6	293·5	24th	304·1	*303·6*	-0·5	1	- 2
737	øSokoto	13 2	E. 5 14	353	..	..	..	308·6	311·9	26th	295·1	293·0	30th	301·8	*301·1*	0·0	91	+76
738	Kaduna Capital	10 32	7 25	?637	..	..	..	303·7	305·2	20th,29th	..	..	..	..	‡*298·1*	+0·2	151	+81
739	Hadeija	12 40	10 5	?	..	..	..	307·6	309·7	26th	..	..	..	..	‡*300·4*	-2·1	7	+ 1
740	øMaiduguri	11 47	13 11	361	..	..	..	308·8	310·8	17th,22nd	294·8	292·4	31st	301·8	*301·1*	-0·2	41	+26
741	El Fasher	13 32	25 18	730	927·8	1006·7	..	311·3	313·5	16th	293·4	290·5	31st	302·4	*301·0*	..	11	+ 4
743	El Obeid	13 11	30 14	563	945·1	1006·7	- 1·9	311·6	313·5	16th	295·5	294·2	9th	303·6	*302·6*	+2·0	3	-15
743a	øKhartoum	15 37	32 33	390	964·0	1007·0	- 0·4	313·5	315·0	1st,12th	298·6	296·5	3rd	306·0	*306·3*	+1·8	4	- 1
744	Port Sudan	19 37	37 13	5·5	1010·2	1010·8	0·0	307·5	314·6	1st	298·9	296·2	19th	303·2	*302·9*	+1·0	0	-10
745	øBerbera, Somaliland	10 22	45 2	13·8	1009·9	1011·5	- 0·1	306·0	312·4	1st	298·1	294·7	26th	302·1	*302·1*	0·0	0	- 3
746	Aden	12 45	45 3	28·7	1009·6	1012·8	+ 0·3	306·2	308·6	3rd	298·8	296·4	16th	302·5	*301·6*	+0·7	0	- 2
751	Bombay	18 54	72 49	11·3	1011·4	1012·6	+ 1·1	303·9	306·9	31st	298·4	297·0	10th	301·2	300·4	+0·2	185	+131
752	Kodaikanal	10 14	77 28	2343	772·5	..	+ 1·4	290·8	292·9	13th	283·6	281·6	9th	287·2	*286·6*	+0·4	121	-124
752a	Bangalore	12 59	77 38	921	911·9	1012·6	+ 1·6	301·8	303·7	19th	291·2	289·4	12th	296·5	*295·7*	+0·6	10	-139
753	Madras	13 4	80 14	6·7	1010·9	1011·7	+ 1·2	306·1	308·5	12th	297·7	295·3	30th	301·9	*301·2*	+1·1	62	-235
754	Vizagapatam	17 42	83 19	11·6	1009·8	1011·2	+ 0·7	304·3	306·9	13th	297·9	295·8	31st	301·1	*300·4*	+0·2	35	-145
755	Port Blair	11 40	92 40	18·0	1009·5	1011·5	+ 0·7	302·4	303·9	18th	298·0	296·6	1st	300·2	*299·5*	-0·3	327	+46
756	Rangoon	16 46	95 48	5·5	1011·5	1012·2	+ 0·6	304·1	306·4	7th	297·3	294·9	9th	300·7	*299·8*	0·0	261	+86
757	Saigon	10 47	106 42	11	1009·0	1010·2	+ 0·8	303·6	305·4	1st	295·8	294·1	2nd	299·7	*299·2*	-0·5	227	-57
758	Nhatrang	12 15	109 12	3·6	1009·8	1010·2	+ 0·4	302·9	305·6	2nd	295·4	293·0	27th	299·2	*298·7*	-0·4	500	+154
759	Bolinao	16 23	119 53	2	..	1008·4	+ 1·0	304·1	306·7	1st	296·5	294·2	31st	300·3	*300·5*	+0·3	77	-88
761	øVigan	17 34	120 23	12·2	..	1008·5	0·0	304·7	307·8	4th	296·8	294·3	25th	300·7	300·5	+0·2	74	-77
761a	Manila	14 35	120 59	14·2	..	1009·2	+ 0·4	304·0	306·4	2nd	296·3	294·5	30th	300·1	299·4	-0·1	234	+45
762	øOrmoc	11 0	124 36	5·6	..	1008·0	+ 0·1	305·0	307·1	1st,7th	295·9	294·9	12th,18th	300·5	*299·7*	+0·5	311	+74
765	øGuam, Ladrone Is.	13 24	144 38	18·6	..	1008·3	+ 0·5	..	..	..	297·7	295·8	22nd	..	*300·9*	+0·9	275	-61
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111.
øChange of normals, see pages 110 and 111.

OCTOBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1011·4	1011·9	+ 0·6	..	..	..	..	..	..	..	‡302·4	+0·3	70	-2
821	∮Cristobal (Colon)	9 23	79 54	11·0	..	1010·6	+ 0·3	304·2	307·4	10th	296·8	295·2	30th	300·5	299·2	+1·0	333	-5
822	Bogota	4 36	74 5	2645	746·0	..	..	292·1	295·1	8th	282·9	280·9	9th	287·5	*286·7*	..	137	-2
822a	Merida, Venez.	8 36	71 9	1641	‡841·3	..	+ 0·3	296·7	298·7	19th	288·3	286·2	4th	292·5	*291·4*	-0·1	126	+12
823	Ciudad Bolivar	8 9	63 33	38	1005·1	1009·4	..	304·7	306·2	29th	297·2	295·2	31st	300·9	*300·4*	-0·3	196	+4
824	El Peru, Guayanavieja	7 19	61 49	220	983·8	1008·6	- 0·7	302·6	303·8	31st	295·2	293·8	8th	298·9	*298·4*	+0·1	138	+4
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1010·3	- 1·2	304·0	304·7	sev. dates	297·4	295·8	21st	300·7	*300·1*	+0·4	210	+3
826	Paramaribo	5 49	55 9	3·7	..	1010·8	- 1·4	306·5	307·5	31st	295·6	293·9	7th	301·1	*300·6*	+0·6	66	-1
826a	Cayenne	4 56	52 21	6	..	..	..	303·1	303·5	27th	299·5	297·0	8th	301·3	*300·9*	+0·3	50	..
831	10°-5° N. 30°-25° W.	††7 6	††27 3	§(138-149)	..	1012·2	0·0	..	..	Sea Temp. 300·5	+0·3	..	..	..	299·9	+0·4	..	..
833	Konakri	9 31	13 43	16	..	..	..	303·4	304·0	23rd	297·1	295·0	17th	300·3	*299·6*	+1·0	193	-3
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·2	1012·1	+ 0·5	303·3	305·8	22nd,24th	295·3	293·6	29th,30th	299·3	*298·3*	-0·4	321	..
835	Asmuantsi	5 18	1 15	101	..	..	..	302·3	304·1	9,28,31	294·8	292·4	26th	298·6	*298·1*	+0·2	117	-2
836	Accra	5 33	W. 0 12	18·0	1009·4	1011·2	- 0·4	302·4	304·1	30th	296·7	294·0	1st	299·6	*299·2*	+0·4	38	..
837	Lagos	6 27	E. 3 24	3·0	1011·7	1012·0	+ 1·0	302·3	303·0	sev. dates	296·4	294·1	31st	299·3	*298·7*	-0·2	339	+3
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	201	-2
839	Yola	9 12	12 30	259	..	..	..	..	..	..	..	..	..	..	..	..	145	-2
841	∮Wau	7 42	28 3	440	..	..	..	306·5	308·6	27,29,31	295·6	293·6	5th,16th	301·1	*300·4*	+0·4	55	-2
843	Malakal (Kodok)	9 35	31 37	394	965·1	1008·6	- 0·5	309·2	312·4	9th	294·7	293·0	6th	302·0	*300·9*	+2·1	54	-2
843a	∮Mongalla	5 11	31 47	448	957·5	1006·8	- 1·9	..	..	..	294·4	292·4	1st	..	*301·0*	+2·4	10	-2
844	∮Entebbe	0 5	32 29	1171	883·0	1008·4	- 0·5	300·7	302·4	28th	290·8	288·6	6th	295·8	*295·4*	+1·5	52	-2
851	Minicoy	8 17	72 49	2·1	1012·5	1012·7	+ 1·2	303·3	304·2	22nd	297·6	295·4	14th	300·4	*299·7*	..	61	-2
851a	Cochin	9 58	76 21	2·7	1012·9	1013·2	+ 1·8	301·9	303·6	22nd	296·7	294·7	11th	299·3	*298·6*	-0·6	141	-2
852	Colombo Observatory	6 54	79 52	7·3	..	1011·6	+ 1·8	303·5	304·4	14th	296·7	294·6	25th	300·1	*299·4*	+0·2	257	-2
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	294·4	296·2	13th	282·7	279·7	8th	288·6	*288·0*	+0·3	107	-2
854	Trincomalee	8 35	81 15	30·2	..	1009·7	+ 1·7	305·8	308·0	11th	297·2	295·4	1st	301·5	*300·8*	+0·4	46	-2
855	Kuta Raja	5 32	95 20	7·1	..	1010·3	+ 0·2	..	..	..	..	..	..	..	..	..	145	-2
856	Medan	3 35	98 41	25·0	..	1010·9	+ 0·6	302·9	305·5	9th	295·6	294·4	30th	299·3	298·7	+0·5	254	-2
857	Penang	5 34	100 20	5·0	1009·7	1010·2	- 0·1	306·1	306·9	26th	294·7	293·6	15th	300·4	*299·7*	+0·4	243	-2
858	∮Singapore	1 18	103 51	10·9	1009·6	1010·3	+ 0·8	303·4	305·8	20th	296·2	294·7	7th	299·8	*299·3*	-0·4	220	-2
859	Sandakan	5 50	118 7	31·7	..	..	..	304·4	305·8	8th	296·8	295·8	8th,12th	300·6	*300·4*	+0·2	317	+1
860	Iwahig	9 44	118 38	14·3	..	1008·4	+ 0·6	304·1	306·2	3rd	295·2	293·6	27th	299·7	*298·5*	-0·5	419	+1
861	Tagbilaran	9 38	123 51	21·3	..	1008·5	+ 0·2	304·6	306·7	12th	296·7	295·5	4th	300·7	299·9	+0·1	126	-2
861a	Menado	1 30	124 50	8·5	..	1009·3	+ 0·4	304·8	307·0	31st	295·4	292·9	2nd	300·1	299·4	-0·1	56	-2
862	Surigao	9 48	125 29	6	..	1008·8	+ 0·5	303·2	305·7	9th	297·0	296·0	12th,20th	300·1	299·6	-0·3	277	-2
863	∮Kolonia, Yap.	9 29 N.	138 8 E.	29·3	..	..	..	304·1	305·7	17th	297·7	296·5	17th	300·9	..	+0·1	217	-2

OCTOBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
924	Manaos	3 8	60 1	43·8	..	..	..	304·6	308·0	1st	295·3	293·6	25th	300·0	*299·8*	-1·1	252	+9
926	Taperinha	2 30	54 20	21·5	1008·0	1010·3	- 0·3	305·8	307·6	1st	296·4	294·6	31st	301·1	*299·9*	+0·6	60	..
927	Turyassu	1 43	45 26	9·1	1009·5	1010·7	- 0·4	306·2	307·6	5th,29th	295·8	293·6	5th	301·0	*300·2*	+0·3	1	..
928	Barra do Corda	5 30	45 16	81·0	999·0	1008·2	- 1·4	307·8	311·3	2nd	295·5	291·6	9th	301·6	*300·5*	+0·8	41	..
929	Quixeramobim	5 16	39 15	207	988·3	1011·5	- 0·1	308·3	307·4	2nd	297·7	296·8	8th	302·0	*301·3*	+0·1	0	..
930	Fernando Noronha	3 50	32 25	108	1001·0	1012·8	- 0·1	302·7	302·9	1st	296·3	294·2	13th	299·5	*298·6*	+0·9	7	..
930a	5°-10° S. 35°-30° W.	††7 10	††33 11	§(53)	..	1015·4	..	..	..	Sea Temp. 299·3	+0·6	..	..	..	299·8	..	..	..
930b	0°-5° S. 35°-30° W.	††2 48	††31 13	§(42)	..	1013·1	..	..	..	299·1	+0·4	..	..	..	299·4	..	..	..
934	∮Ascension Island	7 55	W. 14 24	16·8	1013·5	1015·4	+ 0·1	300·4	302·4	26th,27th	294·9	293·8	15th,19th	297·7	*296·9*	+0·2	7	..
939	Loanda	8 49	E. 13 13	51	..	1012·3	- 0·3	298·4	300·3	31st	294·1	292·2	1st	296·3	295·7	-0·6	1	..
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	302·7	304·1	29th,31st	290·0	288·6	2,11,16	296·3	*295·1*	+2·5	45	-2
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	300·2	303·0	4th,5th	286·9	282·4	5th	293·6	..	..	54	-2
944a	Zanzibar	6 10	39 11	17·1	1014·5	1016·4	+ 0·3	301·4	303·0	14th	296·6	295·7	5th,28th	299·0	*298·2*	-0·3	271	-2
945	Lamu	2 16	40 50	3·0	..	..	..	301·3	302·4	30th	296·9	295·2	11th	299·1	*298·7*	-0·6	31	-2
947	Seychelles, Port Office	4 37	55 27	4·6	1012·4	1012·8	+ 0·6	303·9	304·8	31st	296·8	293·7	8th	300·3	*299·6*	+1·2	347	-2
957	Padang	0 56	100 22	6·7	..	1011·7	+ 0·7	302·6	303·7	21st	297·1	296·4	15th	299·9	299·4	+0·4	347	-2
958	Batavia	6 11	106 50	8·0	1009·9	1010·8	+ 0·6	304·7	306·4	6th	296·3	295·2	4th	300·5	300·0	+0·4	98	-2
958a	∮Pontianak	0 1	109 20	2·6	..	1010·0	- 0·3	304·9	307·1	8th	296·8	295·5	16th	300·9	299·7	+0·1	300	-2
959	Pasuruan	7 38	112 55	5·0	..	1010·8	+ 0·4	305·9	307·0	23rd	297·0	295·5	6th	301·5	301·6	+1·1	9	-2
960	Kajoemas	7 56	114 9	1080	..	..	..	..	..	..	..	..	..	..	..	..	..	..
962	∮Amboina	3 42	128 10	4·2	..	1010·2	+ 0·1	302·7	304·3	22nd	296·6	295·0	4th	299·7	299·2	+0·3	136	-2
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	36	-2
965	∮Daru	9 4	143 13	7·6	..	..	..	301·9	..	..	296·3	..	..	299·1	*298·7*	-0·6	16	-2
966	∮Port Moresby	9 29	147 9	38·4	..	1012·4	+ 1·0	301·9	..	..	296·3	..	..	299·1	*298·7*	-0·5	18	-2
967	Rabaul	4 9	152 12	12·5	..	1009·8	+ 0·7	305·8	307·6	29th	296·0	295·1	24th	300·9	*300·3*	0·0	172	-2
969	∮Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
970	Ocean Island	0 52 S.	169 35 E.	42·6	1005·7	1010·5	0·0	306·5	308·0	22nd,31st	298·9	297·4	2nd	302·7	*301·9*	+1·4	8	..

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111,112.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 111 and 112.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

OCTOBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	∮Apia, Samoa	13 48	171 46	2	..	1011·3	+ 0·1	302·5	303·8	29th	297·0	295·5	12th	299·7	299·7	+0·4	328	+166
1003	∮Alofi, Niue Island	19 2	169 55	27·4	..	1015·0	- 0·1	302·0	304·1	18th,26th	293·7	289·7	5,10,11	297·8	*297·6*	+0·2	150	+34
1022	Tacna	18 0	70 18	560	..	..	..	300·7	303·0	9th	282·3	280·0	sev. dates	291·5	*289·4*	+0·1	0	- 3
1025	Corumba	18 59	57 39	116	996·6	1009·6	+ 0·2	306·7	312·6	3rd	294·7	289·2	31st	300·7	*300·3*	+1·6	46	-56
1026	Cuyaba	15 36	56 6	165	990·8	1009·4	0·0	307·0	312·0	2nd	295·2	292·0	31st	301·1	*300·1*	+0·5	216	+102
1027	Bello Horizonte	19 55	43 57	895	913·9	1012·2	- 0·2	300·8	308·0	17th	289·4	284·2	10th	295·1	*294·6*	+0·4	125	- 4
1028	Caetite	14 3	42 37	897	915·1	1012·7	+ 0·1	303·3	307·1	25th	289·8	287·6	1st	298·6	*297·1*	+1·2	15	-76
1029	Ondina (Bahia)	13 0	38 31	46·6	1008·3	1013·6	- 0·3	301·6	303·0	31st	295·2	294·1	8th	298·4	*298·1*	+0·5	11	-108
1030	Aracaju	10 55	37 3	6·1	..	..	..	301·2	302·0	30th	295·8	293·6	27th	298·5	*298·3*	..	17	..
1030a	15°-20° S. 40°-35° W.	††17 19	††38 6	§(62)	..	1017·8	..	..	..	Sea Temp. 297·6	+0·3	..	..	..	298·3	..	..	..
1030b	10°-15° S. 40°-35° W.	††12 22	††36 30	§(52)	..	1015·0	..	..	..	298·6	+0·3	..	..	..	299·0	..	..	..
1035	St. Helena	15 57	W. 5 40	579	948·2	1015·7	+ 0·7	288·7	290·8	29th,31st	285·4	284·7	14,15,23	287·1	*287·1*	-0·5	40	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	905·3	1009·5	..	307·3	311·6	12th	291·9	288·5	1st	299·6	..	..	16	..
1041a	Elizabethville	11 39	27 28	1236	..	..	..	..	..	..	..	..	..	..	..	..	99	+70
1042	Gwelo	19 26	30 2	1411	..	..	..	302·9	309·7	12th	286·8	283·0	2nd	294·9	..	+0·6	56	+37
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·8	1011·8	0·0	301·2	304·5	12th	287·5	284·7	20th	294·3	293·2	-0·3	57	+28
1044	∮Zomba	15 23	35 18	955	908·2	1012·0	+ 0·3	302·5	305·2	13,25,26	289·9	286·3	22nd	296·2	*296·9*	-0·2	7	-32
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	867·1	1015·7	+ 0·8	299·5	303·2	18th	284·0	280·8	8th	291·7	291·2	-0·3	80	+16
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1015·8	1016·4	+ 1·0	301·6	302·7	10th	297·3	294·9	9th	299·4	*299·0*	-0·2	38	-55
1057	Christmas Island	10 25	105 43	5·5	1010·4	1011·0	+ 1·0	303·8	305·2	6th	296·7	295·2	4th,17th	300·3	*299·9*	+0·1	46	-29
1061	Kupang	10 10	123 34	45·1	..	1011·8	+ 0·7	306·5	311·2	26th	295·8	293·6	6th	301·1	300·7	+0·5	0	-18
1061a	Derby	17 18	123 40	16·2	1010·3	1012·0	+ 0·6	308·1	315·8	22nd	296·2	289·9	6th	302·1	..	0·0	8	+ 7
1062	Hall's Creek	18 13	127 46	373	970·0	1011·0	0·0	309·7	315·2	26th	295·4	286·1	6th	302·6	*302·0*	+1·0	14	- 2
1063	Darwin	12 28	130 51	29·6	1007·7	1011·2	+ 0·9	307·3	309·1	24th	298·6	294·7	24th	302·9	*301·8*	+0·3	31	+24
1064	Daly Waters	16 16	133 23	211	986·3	1009·6	- 0·3	311·6	315·2	26th	294·5	286·9	5th	303·0	*302·4*	+0·1	22	+ 1
1065	∮Mein	13 13	142 47	122	997·5	1011·4	+ 0·8	305·7	310·6	15th	293·7	290·2	4th	299·7	*298·9*	-0·6	6	- 7
1066	∮Georgetown, Queensland	18 22	143 32	302	979·4	1012·9	+ 0·5	308·1	310·8	15th	293·8	289·7	4th	301·0	..	+0·5	11	- 7
1066a	Willis Island	16 18	149 59	8·5	1012·4	1013·5	..	301·2	303·1	25th	296·3	294·4	7th	298·8	*298·6*	..	2	..
1067	Samarai	10 37	150 40	6·1	..	1012·6	+ 1·3	301·7	..	..	296·7	..	..	299·2	*299·0*	+0·2	176	-46
1072	Suva, Fiji	18 8 S.	178 26 E.	6·1	1012·5	1013·2	0·0	300·4	303·6	24th	295·1	292·4	8th	297·7	*297·5*	+0·4	455	+244

BETWEEN LATITUDE 20° S. AND 30° S.

OCTOBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·3	301·9	23,28,31	293·4	289·7	11th	296·8	*296·6*	+1·1	116	-18
1121	∮Punta Tortuge, Coquimbo	29 56	71 21	27	1014·8	1018·0	+ 0·9	290·1	291·6	2nd	284·8	283·2	28th	287·5	*287·3*	+0·8	1	0
1122	Iquique	20 12	70 11	9	1015·8	1016·9	+ 0·7	293·7	295·5	7th	284·5	283·4	25th	289·1	*290·3*	+0·1	0	0
1123	∮Catamarca	28 27	65 47	510	953·2	1010·5	- 0·1	302·7	312·2	14th	288·0	279·0	30th	295·3	*295·1*	+0·3	3	-24
1124	Salta	24 46	65 28	1182	881·9	1010·2	+ 0·5	297·8	307·6	2nd	284·9	280·0	7th	291·3	*292·1*	-0·1	8	-23
1126	Goya	29 9	59 15	26	1010·2	1013·2	+ 1·1	300·9	311·5	15th	286·7	280·6	7th	293·8	*293·9*	+1·1	114	+ 1
1127	Asuncion	25 17	57 41	93	1003·1	1013·9	+ 1·8	304·6	313·3	14th	290·8	283·1	7th	297·7	*297·0*	+1·3	59	-90
1128	Curityba	25 25	49 17	908	914·4	1016·6	+ 0·7	294·2	303·9	16th	285·1	279·5	8th	289·6	*288·4*	-0·5	130	-13
1128a	Rio de Janeiro	22 54	43 10	18·3	1012·8	1014·9	+ 0·4	297·5	309·0	16th	292·1	288·3	10th	294·8	294·8	+0·3	70	-13
1128b	25°-30° S. 50°-45° W.	††27 43	††48 0	§(72)	..	1017·2	..	..	..	Sea Temp. 292·4	-0·6	..	..	..	292·3	..	..	..
1138	20°-25° S. 45°-40° W.	††22 27	††43 18	§(38)	..	1016·7	..	..	..	294·9	+0·3	..	..	..	294·6	..	..	..
1140	Windhoek	22 34	E. 17 5	1669	835·9	1009·4	..	302·4	305·5	9th	289·0	283·0	16th	295·7	*295·1*	+1·4	4	- 7
1141	O'Okiep	29 36	17 52	933	911·3	1014·7	- 0·4	299·6	305·8	27th	285·3	276·7	11th	292·4	*292·1*	+2·2	0	-11
1141a	Kimberley	28 42	24 47	1202	882·1	1011·6	- 0·1	303·2	308·3	5th	285·8	281·6	4th	294·5	..	+1·8	44	+19
1142	Johannesburg	26 11	28 4	1806	824·9	1015·5	+ 0·7	295·8	303·4	3rd	284·8	279·2	22nd	290·3	*290·0*	+0·2	119	+54
1143	∮Bulawayo	20 9	28 35	1349	869·4	1013·5	+ 0·1	301·1	307·3	12th	288·1	284·9	21st	294·6	*294·3*	-0·8	52	+31
1144	Durben	29 52	31 3	15·2	1017·3	1019·1	+ 0·5	296·5	300·9	6th	291·1	288·6	18th	293·8	*293·2*	+0·6	83	-48
1147	Lourenço Marques	25 58	32 36	59	..	1017·9	+ 0·9	300·8	311·6	10th	291·1	288·4	20th	296·0	295·2	+0·1	67	+ 8
	Mauritius	20 6 S.	57 33 E.	55·2	1012·8	1019·3	+ 1·1	299·0	301·2	26th	290·8	287·1	1st	294·9	294·8	-0·4	38	+ 3

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1012·1	1012·5	- 0·2	304·6	311·6	16th	288·8	286·4	9th	296·7	..	-0·2	2	..
1160	Cue	27 27	117 52	454	964·1	1015·3	+ 1·6	304·0	308·8	27th	286·1	281·2	8th	295·1	..	+1·6	2	..
1161	Nullagine	21 53	120 5	386	968·9	1011·5	+ 0·2	308·1	312·7	23rd	289·2	281·3	5th	298·6	..	-0·3	1	..
1162	Laverton	28 40	122 23	466	962·2	1014·5	+ 0·2	302·5	312·0	17th	286·8	281·8	9th	294·7	*294·6*	+1·6	1	..
1163	Alice Springs	23 38	133 37	587	947·8	1012·5	+ 0·4	304·2	312·4	19th,25th	288·7	280·2	6th,7th	296·4	*296·4*	+0·5	2	..
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	4	..
1164a	♯Boulia	22 55	139 38	146	995·0	1011·6	0·0	307·3	313·6	26th	290·9	285·3	3rd	299·1	*299·1*	0·0	0	..
1165	♯Thargomindah	27 58	143 43	123	1000·5	1014·6	+ 0·8	303·6	310·4	18th,19th	289·3	282·0	2nd	296·4	*296·1*	+0·9	75	..
166	♯Mitchell	26 32	147 52	336	978·2	1016·0	+ 1·8	300·7	306·3	18th	285·7	277·1	6th	293·2	..	-0·1	56	+45
1167	♯Rockhampton	23 24	150 30	11·3	1015·6	1017·0	+ 1·5	300·5	307·4	12th	290·4	286·0	15th	295·4	..	-1·4	182	+72
1168	♯Brisbane	27 28	153 2	41·8	1015·0	1019·5	+ 3·5	297·6	301·3	14th	288·1	283·7	5th	292·9	*292·3*	-1·1	29	..
1170	♯Norfolk Island	29 4	167 59	15·2	1019·9	1021·8	+ 3·9	292·1	295·5	14th	287·9	284·1	11th	290·0	*289·6*	-1·1		

OCTOBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	978·8	1020·1	..	286·1	288·1	.5th	281·9	280·3	28th	284·0	*283·2*	..	103	..
1221a	Punta Tumbes	36 37	73 6	120	1003·1	1017·6	- 0·2	288·3	292·8	5th	282·4	279·6	23rd	285·3	*285·0*	+0·6	35	..
1222	♯Punta Angeles, Valparaiso	33 1	71 38	41	1013·2	1018·1	+ 0·7	290·8	295·0	3rd	283·9	281·9	29th	287·3	*287·1*	0·0	1	..
1222a	Santiago	33 27	70 42	520	956·0	1016·5	+ 0·1	294·5	302·0	6th	280·8	276·9	3rd	287·7	*286·8*	+0·4	6	..
1223	Cordoba	31 25	64 12	423	965·4	1014·1	+ 0·3	299·9	309·9	2nd	283·0	276·2	4th	291·5	291·0	+0·6	67	..
1224	Bahia Blanca	38 45	62 15	25	1013·2	1016·3	+ 0·5	295·7	302·4	2nd	281·4	274·6	17th	288·5	*287·9*	0·0	39	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1014·2	1017·1	+ 0·7	292·8	297·9	27th	282·9	277·5	29th	287·9	287·9	-0·6	41	..
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1017·2	+ 1·4	..	297·0	9th	..	279·3	18th	..	*287·8*	-0·8	31	..
1226a	Porto Alegre	30 2	51 13	23·5	1013·8	1016·6	+ 0·3	295·5	301·7	12th	286·4	280·1	6th	290·9	290·9	-0·3	161	..
1226b	30°-35° S. 55°-50° W.	††31 40	††51 50	§(57)	..	1018·2	..	..	..	Sea Temp. 288·9	-0·3	..	..	..	289·4	..	..	..
1239	Cape Town	33 56	W. E. 18 29	12·2	1017·3	1018·8	+ 1·8	295·3	304·0	19th	285·7	281·1	4th	290·5	*289·5*	+1·3	20	..
1240	Danger Point	34 37	19 18	27·7	1015·1	1018·4	+ 1·8	291·4	296·3	19th	285·2	280·8	12th	288·3	..	-0·1	9	..
1241	Riversdale	34 6	21 16	61·0	..	..	..	296·9	305·2	5th	283·6	277·7	12th	290·2	..	+0·3	12	..
1242	East London	33 2	27 55	44·8	1013·5	1018·8	+ 1·7	294·9	298·6	29th	287·3	283·7	9th	291·1	..	+0·5	39	..
1259	Perth (Observatory)	31 57	115 51	60·0	1010·5	1017·6	+ 0·7	294·8	303·1	27th	284·9	280·2	8th	289·9	*289·7*	+0·9	68	..
1260	Katanning	33 42	117 35	310	980·1	1018·5	+ 2·8	293·9	301·3	27th	281·1	276·0	20th	287·5	..	+0·6	46	..
1261	Coolgardie	30 57	121 10	423	967·3	1015·3	+ 0·5	298·8	305·3	28th	283·4	279·4	20th	291·1	*291·0*	+0·5	3	..
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1016·1	1017·6	+ 1·9	296·7	306·3	8th	284·7	277·4	28th	290·7	*290·1*	+0·8	12	..
1264	Adelaide	34 56	138 35	42·7	1012·9	1017·9	+ 2·1	296·9	306·1	29th	284·4	278·9	21st	290·7	*290·4*	+1·0	4	..
1265	Melbourne	37 49	144 58	35·1	1013·6	1017·7	+ 2·9	294·3	306·4	18th	283·2	276·2	5th	288·8	*288·6*	+1·5	62	..
1266	Bourke	30 13	145 58	110	1006·0	1018·6	+ 2·2	302·7	312·4	18th	287·1	279·1	5th	294·9	..	+0·5	16	..
1267	Sydney	33 51	151 13	42·1	1013·0	1017·9	+ 3·2	295·3	309·8	19th	286·2	278·7	6th	290·7	*290·3*	+0·1	88	..
1268	♯Lord Howe Island	31 20	159 0	4·6	1020·6	1021·1	+ 4·7	293·6	296·7	21st	288·1	282·7	7th	290·9	..	-0·3	88	..
1271	Auckland	36 50	174 50	38·1	..	1018·4	+ 3·1	289·6	293·0	21st,22nd	283·4	278·0	25th	286·5	..	-0·5	66	..
1272	Napier	39 29	176 55	1·5	..	..	..	291·8	299·1	21st	282·4	278·3	25th	287·1	..	-0·3	12	..

OCTOBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1003·1	1020·2	+ 2·0	283·6	288·9	6th	278·9	276·9	21st,23rd	281·3	*281·6*	-0·3	31	..
1322	Punta Galera	40 1	73 44	40	1013·9	1018·8	0·0	286·9	293·2	5th	282·4	280·0	3rd	284·7	*284·4*	+1·4	81	..
1323	♯Sarmiento	45 34	69 0	272	978·9	1011·1	- 2·1	293·5	298·8	31st	278·5	272·3	5th	286·0	*285·9*	+1·4	0	..
1324	♯Puerto Madryn	42 49	W. 64 58	14	1013·0	1014·7	0·0	292·6	300·4	17th,21st	278·6	274·4	15th	285·7	*286·0*	0·0	5	..
1365	Launceston	41 27	E.147 10	10·1	1013·3	1014·4	+ 2·9	291·6	295·2	10th,18th	280·4	273·8	22nd	286·0	*285·2*	+0·8	36	..
1366	Hobart	42 53	147 20	53·9	1007·8	1014·3	+ 4·2	290·6	299·7	18th	281·0	275·7	4th	285·8	*285·0*	+0·5	36	..
1370	Invercargill	46 25	168 21	3·7	..	..	..	286·9	291·9	14th	278·3	273·6	12th	282·6	..	-1·0	111	..
1371	Dunedin	45 52	170 31	6·1	..	1012·7	+ 2·8	287·9	295·8	13th	278·9	273·6	23rd	283·4	..	-0·2	127	..
1371a	Christchurch	43 31	172 39	7·6	..	1012·9	+ 3·0	289·9	295·5	9th	279·6	274·6	2nd	284·8	..	0·0	70	..
1372	Wellington	41 16	174 46	3·0	..	1015·4	+ 3·0	289·8	294·9	19th	282·8	276·3	1st	286·3	..	+0·9	49	..

OCTOBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	1003·4	1010·2	+ 4·1	280·0	282·4	7th	276·4	273·9	23rd	278·2	*279·0*	+0·4	212	..
1422	Puerto de Punta Arenas	53 10	70 54	28	1004·7	1008·1	+ 2·9	284·2	288·0	29th	276·5	271·0	7th,14th	280·3	*280·8*	+1·2	6	..
1423	♯Punta Dungeness	52 24	68 26	5	1005·6	1006·2	+ 1·1	281·7	284·4	6th	276·3	272·8	9th	279·0	*278·9*	-0·6	4	..
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	1003·2	- 3·7	281·6	287·4	11th	273·5	270·2	26th,28th	277·8	..	-0·6	34	..
1426	Cape Pembroke	51 41	57 42	21·3	1001·6	1004·2	- 1·2	280·8	285·2	11th	274·2	271·9	1,5,29	277·5	277·7	-0·5	..	..
1429	♯S. Georgia (Cumberland Bay)	54 14	36 33	4	993·4	993·9	- 6·6	277·0	283·1	10th	270·4	265·1	5th	273·7	*273·4*	-1·1	63	..

OCTOBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	989·3	990·2	- 3·1	270·9	275·4	10th	264·9	252·0	18th	267·9	268·6	-0·4	35	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. ♯Number of observations. ♯Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, NOVEMBER 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF NOVEMBER 1927

BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. NOVEMBER - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1016·0	1016·3	..	285·7	272·4	13th	257·8	249·4	28th	271·8	..	..	28	..
105	♯Barrow	71 23	156 17	7·0	..	1020·6	..	259·8	271·9	6th,7th	250·6	235·8	28th,27th	255·2	..	-0·3	1	- 9
125	Upernivik	72 47	56 7	19·2	1003·6	1006·0	- 2·6	267·1	279·6	9th	264·2	256·6	28th	265·7	*266·1*	+3·2	72	+45
131	Myggbukta	73 30	21 30	3·2	..	1008·3	..	..	..	..	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	18·9	1004·7	1006·9	..	287·8	284·0	7th	259·1	251·5	23rd	263·5	*263·7*	..	34	..
135	♯Jan Mayen	70 59	W. 8 18	23·1	1002·0	1004·9	+ 0·7	..	276·8	19th	269·2	264·1	6th	..	*271·8*	+0·5	54	+13
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1005·6	1007·0	- 0·3	..	274·8	21st,23rd	259·9	250·9	11th	..	263·4	+2·1	75	+51
140	Björnöen	74 28	19 17	40·5	1002·4	1007·6	+ 2·5	..	275·5	27th	265·5	254·3	11th	..	*268·3*	-1·0	44	+15
141	Ingøy	71 4	24 6	7·5	1008·2	1009·2	+ 5·5	..	277·8	28th	271·0	266·4	10th	..	*273·3*	-0·5	53	- 3
142	Mehavn	71 1	27 47	10·2	1008·6	1009·9	+ 6·0	..	276·8	16th	267·8	260·9	6th	..	*271·2*	+0·3	82	+ 3
143	Vardö	70 22	31 6	11·8	1008·1	1009·6	+ 4·1	..	277·4	16th	267·2	262·0	24th	..	*270·5*	-0·4	34	-28
147	Malye Karmakouly	72 23	52 43	15·3	1003·4	1005·4	+ 1·0	267·1	273·1	24th	260·7	252·6	3rd	263·9	*263·9*	+1·1	20	+ 4
148	Waigatz	70 24	58 47	11·2	1004·2	1005·7	..	..	272·8	25th	260·3	250·6	14th	..	*264·0*	-0·1	6	- 6
153	Dickson	73 31	80 23	13·0	1005·4	1007·2	- 0·8	252·7	269·6	24th	245·4	234·5	29th	249·0	*249·5*	-5·2	5	- 5
182	Bouloune	70 45	127 47	35	1006·7	1011·5	..	..	..	..	244·2	224·5	30th	..	*249·3*	+6·5	15	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. NOVEMBER - ZONE 2.

201	Preobrajenye	N. 64 52	W. 175 18	? 31	1016·3	1022·3	..	..	..	..	264·8	255·6	8th,29th	..	*267·9*	..	22	..
203	Nome	64 30	165 24	6·7	1018·1	1018·9	+13·0	265·4	272·4	4,18,19	257·9	240·8	29th	261·7	*261·9*	..	-2·1	22	- 1
204	Candle	65 55	161 57	2·4	..	..	..	280·1	273·0	18th	248·1	231·3	28th	254·1	..	-4·0	..	..
204a	Tanana	60 45	161 47	11·6	..	..	..	263·9	275·2	12th	254·4	240·2	28th,29th	259·2	..	..	..	..
205	Rampart	65 10	152 6	69·5	1012·9	1022·0	+11·6	252·4	284·7	1st	245·3	230·2	26,27,28	248·9	*248·6*	-6·0	21	..
206	Valdez	65 30	150 15	114	..	..	..	250·4	265·8	2nd	244·6	229·1	27th,28th	247·5	..	-7·1	3	-15
207	Eagle	61 7	146 16	122	..	..	..	268·4	275·2	7th	261·4	250·2	27th	264·9	..	..	0	-14
208	Dawson	64 46	141 12	248	989·0	1022·3	+ 8·7	253·0	271·9	2nd	245·7	227·4	29th	249·3	*249·0*	-7·6	33	..
210	Carcross	64 4	139 29	324	981·7	1026·5	+10·5	249·7	268·0	1st,2nd	244·1	230·8	30th	246·9	*247·1*	-8·0	3	-10
210a	Mayo Landing	60 11	134 34	662	..	..	..	..	..	..	..	..	..	..	..	..	4	-25
211	Fort Good Hope	63 35	135 51	?579	958·0	1037·1	..	250·8	269·1	2nd	244·1	228·0	30th	247·4	*247·7*	..	..	..
212	♯Fort Simpson	66 25	128 53	65·2	1017·5	1026·6	+ 9·6	254·8	269·7	5th	243·6	229·1	30th	249·2	..	-2·4	11	..
213	Hay River	61 52	121 35	129	1003·9	1021·6	+ 8·9	257·1	268·0	1st	248·6	233·8	30th	252·8	..	-4·5	17	-10
225	Jacobshavn	60 51	115 20	161	997·9	1019·5	+ 5·6	260·8	275·2	6th	250·8	236·3	30th	255·8	..	-4·3	..	..
226	Godthaab	69 13	51 2	31·6	999·8	1003·9	- 2·9	268·0	280·1	8th	263·4	253·8	26th	265·7	*265·5*	+1·4	16	- 4
227	Ivigtut	64 11	51 43	20·4	..	..	..	272·5	281·4	8th	267·8	260·2	26th	270·1	*270·1*	+1·8	13	- 4
229	Angmagsalik	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	22	-26
231	Stykkisholm	65 37	37 33	29·3	997·5	1001·2	- 2·3	274·3	286·4	7th	268·2	260·3	2nd	271·3	*272·7*	+3·7	..	..
232	Vestmanno	65 5	22 46	25	..	1002·6	- 1·7	277·4	282·0	29th	271·6	265·8	25th	274·5	*274·5*	+1·0	54	-32
233	Grimsey	63 24	20 17	132	..	1002·8	+ 1·0	279·2	282·3	30th	274·0	266·9	6th	276·6	*276·5*	+1·3	161	+97
234	Teigarhorn	66 33	18 1	22·0	..	1002·4	- 2·6	276·2	279·3	29th	272·0	266·4	25th	274·1	*274·2*	+1·2	125	-10
235	Hjåvig	64 41	14 22	18·0	..	1004·6	+ 0·4	278·4	281·9	8th	271·6	266·0	1st	275·0	*275·1*	+1·2	2	-25
236	Lerwick	62 3	6 45	22·9	1005·2	1008·0	+ 2·2	280·4	285·3	2nd	275·2	271·1	8th	277·8	*279·1*	+1·2	213	+103
237	Bergen (Met. Obs.)	60 8	W. 1 11	18·0	..	1009·6	+ 2·7	280·2	285·8	2nd,3rd	276·8	273·0	9th	278·5	*278·8*	+0·3	141	-25
238	Aalesund	60 24	E. 5 19	44·4	1007·7	1013·3	+ 3·8	277·6	283·7	3rd	273·3	267·3	24th	275·5	*275·7*	-0·4	154	+46
239	Trondhjem	62 28	6 10	6·3	1011·0	1011·8	+ 4·0	..	285·2	3rd	274·0	270·6	24th	..	*276·2*	-1·4	100	-78
240	Bodö	63 26	10 25	59·2	1005·3	1012·8	+ 3·8	273·2	279·9	29th	268·1	262·5	20th	270·7	*271·2*	-1·5	143	+ 9
241	Haparanda	67 17	14 24	22·3	1008·1	1010·9	+ 5·1	..	279·4	27th	269·7	264·9	12th	..	..	-2·4	53	-25
242	Helsingfors	65 50	24 9	9·2	1013·5	1014·7	+ 5·3	266·1	274·0	27th,30th	260·0	248·0	12th	263·1	*263·3*	-2·4	81	-23
242a	Kuoplo	60 10	24 57	11·7	1013·9	1015·4	+ 2·9	272·7	281·4	1st	268·4	260·3	22nd	270·5	*270·9*	-5·0	64	+15
243	Kola	62 55	27 40	233	986·4	1018·3	+ 4·9	268·5	276·2	1st	263·8	255·0	11th	266·1	*266·2*	-2·2	72	+ 9
244	Petrozavodsk	68 53	33 0	6·7	1011·1	1012·0	+ 4·4	267·7	275·3	28th	261·2	249·7	1st	264·5	*264·9*	-4·2	47	- 1
245	Arkhangelsk	61 47	34 23	79·0	1004·6	1014·8	+ 1·1	270·7	278·2	8th	265·5	259·3	18th	268·1	*268·4*	-1·6	30	+ 5
246	Mezen	64 34	40 31	6·3	1012·7	1013·5	+ 2·3	269·4	275·6	8th	263·1	252·3	6th	266·2	*266·6*	-1·4	30	-11
247	Oust-Tsylma	65 50	44 16	14·9	1009·9	1011·8	+ 2·6	268·7	274·3	8th	262·3	252·2	12th,15th	265·5	*265·8*	-0·7	31	0
248	♯Tcherdyn	65 25	52 18	68	1001·8	1010·5	- 0·5	267·5	273·5	22nd	259·8	248·1	7th	263·7	*263·9*	+0·2	31	+11
249	Berezov	60 24	56 31	?208	988·0	1014·7	- 2·7	268·2	279·2	12th	262·0	252·5	21st	265·1	*265·1*	+0·9	23	- 4
250	Obdorsk	63 56	65 4	46	1006·3	1012·5	- 0·7	261·6	275·4	9th	252·5	234·3	23rd	257·0	*257·3*	+1·1	94	+42
251	New Port	66 31	66 36	35·2	1007·2	1012·0	- 0·5	259·3	267·6	25th	250·0	236·0	22nd	254·6	*255·1*	-1·3	26	+ 5
252	Sourgout	67 42	72 57	3·3	..	..	..	258·1	270·2	25th,26th	248·1	234·6	22nd,23rd	253·1	*253·6*	-1·3	17	+ 4
253	Doudinka	61 15	73 24	40	1008·0	1013·3	- 2·1	..	..	..	..	..	..	..	..	..	7	..
254	Touroukhansk	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	*256·4*	-2·8	53	+29
261	Viliouisk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
268	Nalakhan	60 25	134 28	?163	996·2	1018·5	..	258·2	270·9	1st	249·4	227·1	29th	253·8	*254·1*	..	14	..
271	Novo Marlinskii Post	61 55	158 59	29·0	1006·0	1009·7	..	270·3	278·8	6th	265·0	257·0	27th	267·6	*268·1*	..	..	..
		64 45	177 33	? 17	..	..	..	..	274·0	9th	..	249·9	25th	..	*265·4*	+8·1	29	..
		N.	E.														12	+ 5
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see pages 105 and 106.

NOVEMBER - ZONE 3.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	279·0	282·4	4th	275·9	271·3	1st	277·4	..	..	251	..
302	St. Paul Island	57 15	170 10	12·2	..	1013·2	+11·8	275·0	278·6	8,11,12	272·8	264·1	30th	273·9	..	+0·5	36	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1009·9	1010·5	+ 9·6	280·0	284·7	18th,19th	274·0	266·3	1st,29th	277·0	*276·9*	+2·1	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	?278·8	?281·3	13th,19th	?275·3	?267·4	23rd	?277·1	..	..	98	..
305	∮Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	262·7	255·8	3rd	..	..	..	22	..
306	∮Kodiak (Radio)	57 47	152 22	4·6	1008·1	1008·8	+ 9·4	275·7	280·8	1st	269·1	264·7	27th	272·4	*272·4*	-2·5	‡22	..
309	Sitka	57 3	135 19	19·8	..	..	..	278·8	283·6	12th	269·7	265·2	25th,30th	274·3	..	-2·4	181	..
310	Prince Rupert	54 18	130 18	51·8	1003·4	1009·9	+ 1·0	277·4	285·2	3rd	271·9	266·9	20th	274·7	*276·8*	-3·2	181	..
311	Barkerville	53 2	121 35	1274	862·1	1014·4	0·0	268·0	275·8	2nd	260·8	248·6	11th	264·4	*264·3*	-5·1	171	..
312	Kamloops	50 41	120 29	385	971·5	1019·7	- 1·6	274·1	281·5	3rd	268·2	256·3	15th	271·2	*271·2*	-3·5	53	..
313	Calgary	51 2	114 2	1045	891·1	1019·4	+ 3·7	267·4	285·2	3rd	258·6	248·6	16th	263·0	*262·7*	-7·6	47	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	259·1	268·6	23rd	251·9	238·6	30th	255·5	*255·7*	-7·7	11	..
315	Prince Albert	53 10	105 38	442	964·3	1021·8	+ 4·0	264·1	281·3	3rd	255·8	240·2	30th	259·9	*259·7*	-6·3	18	..
316	Qu'Appelle	50 30	103 47	645	938·0	1020·0	+ 3·1	265·2	280·8	3rd	257·4	243·6	17th	261·3	*261·3*	-6·3	46	..
317	Minnedosa	50 15	99 50	515	954·5	1020·5	+ 2·9	265·3	276·3	25th	258·3	243·2	22nd	261·8	*261·7*	-5·5	27	..
318	Berens River	52 18	97 23	218	..	..	..	263·8	274·7	2nd	256·8	241·9	22nd	260·2	..	-6·2	18	..
318a	Port Nelson	57 0	92 51	14·9	1012·7	1014·7	+ 0·3	260·2	275·2	1st	254·1	243·0	30th	257·2	..	-3·8	31	..
319	Pagwa	50 3	85 18	189	..	..	..	272·0	282·4	10th	260·4	241·3	30th	266·2	..	-1·2	17	..
320	Moose Factory	51 14	80 30	9·1	1012·8	1014·0	- 0·3	269·7	286·9	1st	261·3	245·8	22nd	265·5	..	-2·2	26	..
321	Fort George	53 50	79 5	97·6	..	..	..	269·9	277·4	2nd	262·9	251·3	30th	266·4	..	-1·4	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	268·4	284·7	2nd	262·7	254·7	23rd	265·5	..	-1·5	74	..
324	Natashquan	50 8	61 48	6·1	..	..	..	274·7	285·8	5th	267·2	254·1	25th	270·9	..	+0·8	42	..
326	Belle Isle	51 53	55 23	130	997·6	1014·4	+ 6·3	273·4	280·8	3rd Sea Temp.	268·9	260·8	23rd	271·2	*271·1*	+0·8	..	..
331	55°-50° N. 30°-25° W.	††52 56	††27 24	§ (25)	..	1000·1	..	..	..	283·7l-0·6	..	..	..	..	281·2	..	..	..
333	53°-48° N. 20°-15° W.	††50 50	††17 10	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57° N. 20°-15° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahiriveen (Valentia Obs.)	51 56	10 15	13·7	1012·7	1014·4	+ 1·8	283·5	289·1	1st	278·9	271·4	13th	281·2	281·4	-0·2	114	..
335	Aberdeen	57 10	W. 2 6	26·0	1008·9	1012·1	+ 2·6	280·6	289·2	2nd,3rd	276·3	270·5	12th	278·5	278·5	-0·2	101	..
336	Greenwich	51 28	0 0	46·3	..	1014·6	0·0	282·2	291·3	3rd	276·7	271·3	8th,26th	279·4	279·4	-0·2	57	..
337	Uccle	50 48	E. 4 22	100	1002·8	1015·2	+ 0·3	281·5	292·8	3rd	275·5	268·6	23rd	278·5	277·9	-0·2	68	..
338	De Bilt	52 6	5 11	3·0	1014·5	1014·9	+ 0·4	280·2	289·0	4th	274·8	268·0	23rd	277·5	277·1	-0·9	76	..
338a	Hamburg	53 33	9 58	40·3	1011·8	1016·9	+ 1·8	277·6	288·7	1st	274·0	265·4	22nd	275·8	*275·5*	-1·4	39	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1015·1	1015·7	+ 2·4	277·4	286·1	3rd	273·8	267·1	15th	275·6	*275·9*	-0·5	37	..
340	Potsdam	52 23	13 4	84·9	1006·9	1017·6	+ 2·1	276·8	287·9	4th	273·1	263·5	22nd	274·9	276·0	-1·1	30	..
340a	Uppsala	59 51	17 38	24	1012·8	1015·8	+ 5·4	273·8	284·6	1st	269·0	259·1	15th	271·4	271·5	-1·6	31	..
341	Warsaw	52 13	21 3	89·3	1007·2	1018·5	- 0·3	277·2	287·2	4th	272·1	258·9	22nd	274·7	*274·7*	..	52	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1005·6	1015·9	+ 2·9	272·4	282·8	1st	268·7	257·7	23rd	270·6	270·7	-1·7	64	..
343	Leningrad	59 56	30 16	8·6	1014·3	1015·4	+ 2·5	272·2	281·4	1st	268·0	258·2	24th	270·1	*270·2*	-1·8	49	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	996·8	1018·0	+ 0·4	273·2	285·8	10th,11th	268·0	260·6	19th,24th	270·6	*270·7*	+0·5	63	..
345	Saratov	51 32	46 2	127	1007·5	1023·8	+ 1·9	273·9	291·3	10th	267·9	257·1	29th	270·9	*270·9*	+1·1	8	..
346	Kazan	55 47	49 8	79·9	1009·8	1020·0	+ 0·8	272·1	288·5	11th	267·0	257·6	1st	269·5	*269·4*	+0·7	33	..
347	Orenburg	51 45	55 6	109	1011·2	1025·3	+ 1·3	271·5	285·4	11th	265·6	251·2	29th	268·5	*268·9*	+0·4	12	..
348	Perm	58 1	56 16	163	996·7	1017·6	- 1·0	270·4	284·4	12th	264·9	254·7	1st	267·6	*267·9*	+2·1	49	..
349	Sverdlovsk	56 50	60 38	281	981·8	1017·6	0·0	269·9	285·1	11th	263·5	254·4	22nd	266·7	*267·0*	+1·8	16	..
350	∮Tobolsk	58 12	68 14	108	1003·4	1017·5	- 0·9	..	..	..	258·5	235·2	23rd	..	*263·2*	-0·5	8	..
351	∮Akmolinsk	51 12	71 23	353	961·4	1026·9	0·0	271·4	281·4	1st	259·3	241·8	24th	265·4	*264·5*	-1·3	7	..
352	∮Omsk	55 1	73 19	108	1007·1	1021·3	- 0·6	268·4	281·6	12th	260·2	237·9	24th	264·3	*263·7*	-0·7	17	..
353	Barnaoul	53 20	83 48	158	1004·3	1024·9	- 2·3	269·0	283·1	1st	258·6	239·6	24th	263·8	*264·0*	-0·5	63	..
354	Tomsk	56 30	84 58	122	1004·2	1020·4	- 3·2	266·4	278·4	1st,2nd	256·2	237·3	24th	261·3	*260·9*	-1·4	105	..
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolasvsk-sur-Amour	53 8	140 45	42·2	1007·9	1013·3	+ 1·0	271·6	277·0	1st	264·3	253·4	29th	268·0	*268·6*	+5·5	16	..
366	Okhotsk	59 21	143 17	5·5	1011·4	1012·1	+ 0·2	268·2	275·2	3rd	261·4	250·6	29th	264·8	*264·5*	+6·5	15	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	995·0	1005·8	+ 0·4	..	..	..	272·4	265·9	28th	..	*274·1*	+3·7	64	..
369	Kluchevskoye	56 21	160 48	? 30	1005·6	1009·3	..	..	..	..	266·8	256·0	28th	..	*269·8*	..	50	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	278·2	280·5	3rd,15th	273·8	268·1	19th	276·0	..	..	55	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 1
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 106 and

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

NOVEMBER - ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1005·1	1013·7	- 2·2	281·7	287·4	3rd	277·7	274·8	26th	279·7	279·8	-0·2	152	+15
412	Portland, Oregon	45 32	122 41	46·6	1010·9	1018·2	- 2·5	285·7	294·1	3rd	280·1	274·1	10th	282·9	*282·6*	+2·2	203	+39
413	Macleod	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
414	Helena	49 44	113 24	953	..	..	..	269·7	285·8	4th	261·8	248·0	21st	265·7	*265·6*	-6·7	50	+36
414a	Salt Lake City	46 34	112 4	1253	870·4	1015·2	- 3·9	277·9	285·2	2nd	268·6	259·1	14th	273·3	*273·8*	0·0	47	+28
415	Cheyenne	40 46	111 54	1329	868·9	1017·9	- 1·3	285·6	293·6	4th	276·9	269·7	23rd	281·2	*281·4*	+3·5	68	+33
416	North Platte	41 8	104 48	1856	810·8	1014·9	- 1·8	282·9	292·4	10th	271·3	260·2	30th	277·1	*277·7*	+2·6	16	+ 4
416a	Bismarck	41 8	100 45	860	916·5	1017·9	- 1·8	282·7	298·0	10th	269·9	262·4	16th	276·3	*275·8*	+1·0	7	- 5
417	Winnipeg	46 47	100 38	510	956·1	1018·9	0·0	272·2	284·7	3rd	263·3	253·6	29th	267·8	*269·0*	-3·0	20	+ 3
418	Duluth	49 53	97 7	232	989·8	1019·9	+ 2·5	268·0	282·1	3rd	261·6	249·6	30th	264·8	*264·4*	-2·3	24	- 3
419	Port Arthur	46 47	92 6	345	974·7	1017·6	+ 0·3	272·3	281·9	2nd	265·0	250·8	30th	268·7	*268·9*	-3·0	52	+13
420	Chicago	46 27	89 12	196	992·7	1017·6	+ 1·3	272·4	281·9	26th	265·8	253·6	30th	269·1	*268·8*	-0·8	30	- 7
421	Toronto	41 47	87 35	205	992·7	1017·6	- 0·7	283·2	296·9	1st	275·2	268·0	18th	279·2	*279·1*	+0·9	118	+57
422	∮New York (Central Park)	43 40	79 24	116	1002·7	1017·1	- 0·2	281·8	292·8	1st	274·1	267·7	19th	277·9	277·9	+2·1	115	+48
423	St. John, N.B.	40 47	73 58	47·4	1013·7	1019·5	+ 1·7	286·2	295·8	1st	278·8	270·2	20th	282·5	281·6	+1·8	110	+30
424	S.W. Point, Anticosti	45 17	66 4	36·3	1012·9	1017·4	+ 2·7	280·7	290·1	3rd	273·8	265·8	21st	277·3	277·2	+1·7	103	- 9
424a	Sable Island (Main Station)	43 57	60 6	7·6	1019·7	1020·6	+ 5·7	284·1	288·0	5th	278·6	271·9	25th	281·3	*281·1*	+1·8	173	+35
425	Port aux Basques	47 35	59 10	9·1	1016·6	1017·7	+ 5·5	278·5	284·4	18th	273·8	266·6	24th	276·1	*276·2*	+1·2	95	-17
426	St. John's, Newfoundland	47 34	52 42	74·1	1009·0	1018·2	+ 6·4	..	..	..	274·3	265·8	25th	..	‡*276·9*	+1·7	93	-60
435	Madrid	40 24	3 41	667	938·8	1017·7	- 1·2	284·3	291·7	4th	276·8	270·0	15th	280·6	*280·0*	-0·6	80	+18
436	Nantes	47 15	W. 1 34	36·5	1010·4	1014·9	- 0·6	283·4	292·0	3rd	277·1	271·0	14th	280·2	280·2	-0·4	93	+ 6
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1010·2	1016·4	0·0	281·5	293·4	3rd	276·2	271·5	12th	278·8	278·8	0·0	44	- 5
438	Marseille	43 18	5 23	75	..	1014·7	- 0·7	289·3	294·6	2nd,9th	280·4	269·4	16th	284·9	*283·7*	0·0	91	+19
438a	Zürich	47 23	8 33	493	956·9	1018·6	- 0·1	280·5	291·9	4th	274·9	267·4	15th	277·7	277·2	+0·7	48	-20
439	Vienna	41 54	12 27	45·5	1011·7	1016·9	+ 1·3	291·2	294·8	2nd	284·0	274·7	18th	287·6	*287·4*	+2·7	56	-56
440	Budapest	48 15	16 22	203	994·1	1019·2	+ 1·0	280·0	292·4	4th	275·3	270·9	15th	277·7	277·5	+0·5	36	- 9
441	∮Sofia	47 31	19 1	130	1003·7	1019·8	+ 0·8	282·2	295·6	4th	276·5	270·5	15th	279·3	279·0	+1·4	42	- 9
442	Bucharest	42 42	23 20	550	957·2	1023·2	+ 2·2	284·2	295·5	11th	275·8	268·2	30th	280·0	*279·4*	+1·9	36	-12
443	Odessa (Observatory)	44 25	26 6	82	1012·7	1022·9	+ 2·7	284·3	296·5	11th	275·3	268·0	23rd	279·8	279·1	+1·8	42	- 6
444	Kharkiv (University)	46 26	30 46	42·8	1016·8	1022·1	+ 1·4	..	..	..	297·6	..	..	..	*279·7*	+2·3	25	- 9
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
445	Tiflis	44 44	37 49	37·1	1017·5	1022·1	+ 2·4	285·5	296·0	12th	277·9	265·5	23rd	281·7	*281·6*	+0·2	76	+ 6
446	Astrakhan	41 43	44 48	404	975·1	1023·8	+ 1·0	287·0	296·9	12th	277·6	270·8	21st	282·3	*282·6*	+1·6	25	- 8
447	Fort Alexandrovsk	46 21	48 2	-20·0	1027·9	1025·5	+ 2·4	280·0	291·6	12th	272·5	261·6	23rd	276·3	*275·9*	+0·7	12	+ 1
448	Krasnovodsk	44 31	50 7	-23·0	1027·4	1024·7	+ 2·5	282·5	291·3	9th	276·8	264·1	27th	279·6	*279·6*	+1·8	21	+12
449	Kasalinsk	40 0	52 59	-4·6	1023·2	1022·3	+ 0·9	287·3	293·7	8th	281·4	272·4	26th	284·4	*284·1*	+0·7	21	+ 8
450	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Naryankoe	41 20	69 18	478	967·6	1025·4	+ 0·8	286·3	298·0	19th	274·3	267·1	22nd	280·3	*279·7*	-1·2	27	+16
452	Alma Ata	41 26	76 13	2015	..	..	..	..	..	..	266·8	250·7	25th	..	*270·7*	+0·8	43	+10
461	Moukden	43 16	76 53	841	926·3	1027·5	- 0·2	279·9	293·0	1st	270·5	260·2	26th	275·2	*274·4*	+1·1	20	+ 8
462	Joshin	41 48	123 23	43·8	1016·0	1021·5	- 2·4	281·1	290·0	2nd	269·7	260·4	29th	275·4	274·7	+2·9	76	+ 6
463	Yuki	40 40	129 11	31·9	1014·6	1018·6	- 1·4	283·4	289·0	3rd	274·4	267·1	30th	278·9	278·8	+2·1	16	- 8
464	Vladivostok	42 20	130 24	63·8	1010·4	1018·4	- 2·2	278·8	286·4	4th	270·9	261·5	30th	274·9	275·0	+1·1	35	-13
465	Ochiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	46	+22
466	Nemuro	47 20	142 47	27·4	1009·8	1013·3	+ 0·5	277·7	283·2	1st	269·6	258·8	30th	273·7	273·6	+2·7	..	..
466a	Oyana	43 20	145 35	26·7	1009·5	1012·8	- 1·9	281·6	287·9	2nd	275·2	269·8	30th	278·4	278·5	+1·2	55	-24
		45 14	147 53	39·3	1007·0	1011·9	- 0·7	279·8	284·9	1st,2nd	273·9	268·1	29th	276·9	277·0	+1·0	53	-30
		N.	E.														117	-14

BETWEEN LATITUDE 40° N. AND 30° N.

NOVEMBER - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
508	35°-30° N. 145°-140° W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
511	San Francisco	37 46	122 26	47·2	1013·4	1019·3	0·0	290·6	298·0	3rd	284·4	279·7	23rd	287·5	*287·3*	+1·4	81	+20
512	San Luis Obispo	35 16	120 39	61·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
512a	Sacramento	38 35	121 30	21·0	1016·8	1019·3	+ 0·4	289·3	298·0	4th	281·6	274·7	23rd	285·4	*285·8*	+0·4	46	- 3
513	San Diego	32 43	117 10	26·5	1013·4	1016·6	0·0	294·8	301·3	17th	285·9	283·0	23rd	290·4	*290·0*	+2·3	1	-22
514	Modena	37 48	113 54	1668	835·4	1017·9	- 0·3	285·3	293·0	4th	270·9	261·9	23rd	278·1	*277·7*	+2·5	18	+ 4
515	Santa Fé	35 41	105 57	2138	788·6	1017·9	+ 0·7	285·2	291·9	5th	273·1	267·4	16th	279·2	*278·9*	+2·7	5	-14
516	Denver	39 45	105 0	1613	835·8	1014·9	- 1·8	287·8	298·6	10th	273·7	264·1	30th	280·7	*280·8*	+3·7	21	+ 6
517	Abilene	32 23	99 40	530	956·3	1017·6	- 1·0	296·5	302·4	1st	282·1	271·9	16th	289·3	*288·3*	+4·4	0	-35
518	Saint Louis	38 38	90 12	173	998·1	1018·9	- 0·4	286·4	299·7	1st	277·4	270·2	18th	281·9	*281·9*	+1·5	141	+66
519	Mobile	30 41	88 2	17·4	1019·4	1021·3	+ 1·6	295·9	300·8	1st	286·1	273·0	20th	291·0	*290·3*	+3·3	92	- 2
520	Nashville	36 10	86 47	166	1001·8	1022·0	+ 1·1	289·8	298·6	11th	280·2	270·2	20th	285·0	*285·4*	+2·6	114	+24
521	Charleston	32 47	79 56	14·6	1020·5	1022·3	+ 2·1	293·7	299·1	25th	285·1	276·9	19th	289·4	*289·6*	+2·1	12	-49
522	Washington	38 54	77 3	34·1	1016·2	1020·6	+ 0·8	288·3	296·3	2nd	278·8	270·2	20th	283·6	*283·6*	+3·1	67	+ 4
524	Bermuda	32 17	64 46	46·0	1016·9	1022·3	+ 4·6	297·4	300·1	4th	290·1	288·1	22,24,28	293·8	*293·6*	+0·3	49	-77
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1017·8	1022·5	+ 2·4	291·3	293·5	23rd,26th	286·9	284·5	9th	289·1	289·1	-0·8	123	
531	Horta	38 32	28 38	65	1014·3	1022·1	+ 1·8	291·0	293·3	26th	287·3	284·5	8th	289·2	288·9	-1·1	103	
532	Ponta Delgada	37 44	25 40	22	1018·5	1021·1	+ 1·1	290·6	293·9	1st	287·3	284·0	8th	289·0	289·0	-0·7	..	
532a	Faja de Cima	37 46	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	204	
533	Madeira (Funchal)	32 38	16 55	25	1015·9	1018·9	0·0	294·9	298·4	1st	290·3	288·6	11th	292·6	*292·5*	+1·5	75	
535	Lisbon	38 43	9 9	95	1005·0	1016·4	- 1·3	289·4	296·4	4th	283·6	277·5	16th	286·5	286·2	-0·4	101	
535a	Melilla	35 17	2 59	40	1011·5	1016·3	..	293·0	300·3	8th	286·3	282·8	17th,18th	289·6	*289·5*	-1·0	42	
536	♯Gibraltar	36 6	5 21	16·2	..	1015·6	- 2·5	291·6	296·9	6th	284·9	279·1	15th	288·3	*288·1*	-0·3	165	
536a	Colomb-Béchar	31 36	W. 2 4	769	928·6	1015·9	..	291·6	301·0	8th	279·9	272·0	19th	285·7	*285·1*	..	4	
537	Palma	39 34	E. 2 39	23	1011·5	1014·3	- 2·9	291·7	298·0	3rd	282·7	275·8	16th	287·2	*286·5*	-0·5	90	
538	♯Algiers (Bouzaréah)	36 46	3 2	342	974·3	1014·4	- 2·1	289·9	301·4	9th	284·7	280·3	15th	287·3	287·5	+0·6	270	
538a	♯Gadames	30 9	9 30	351	..	..	..	299·0	306·1	11th	284·6	278·0	16th	291·8	..	+2·4	1	
539	Tunis	36 48	10 10	75	1008·6	1017·6	..	294·1	303·1	9th	285·1	279·6	18th	289·6	*289·1*	+1·0	60	
539a	Malta	35 54	14 31	58·4	..	1017·9	+ 2·3	293·8	296·9	7th,10th	289·8	284·7	13th	291·8	*291·0*	+1·1	84	
540	Riposto	37 41	15 14	14·2	..	1019·8	+ 2·8	293·3	296·8	20th	285·9	279·4	18th	289·6	*290·3*	+1·7	113	
541	Athens	37 58	23 43	107	1008·5	1021·3	+ 4·1	293·3	297·1	15th	286·5	281·0	29th	289·9	289·5	+2·5	0	
542	Alexandria	31 12	29 53	32·0	1014·3	1018·0	+ 0·7	298·4	301·4	1st	291·5	288·3	30th	295·0	*294·3*	+1·5	168	
543	Ankara (Angora)	39 58	32 48	861	922·5	1023·2	+ 2·9	287·7	295·7	12th	275·3	263·2	30th	281·5	*281·1*	..	13	
543a	♯Nicosia (P.W.D.)	35 9	33 22	159	999·2	1017·9	+ 1·4	296·8	303·0	15th	285·0	279·1	28th	290·9	..	+1·6	11	
544	Beirut	33 54	35 28	33·7	..	1017·3	+ 0·2	296·5	302·2	8th	291·0	284·1	30th	293·8	*293·5*	+1·4	32	
545	Hinaidi	33 17	44 29	32·3	..	1017·3	- 0·8	297·4	305·2	1st	283·0	276·3	27th	290·2	*290·1*	-0·2	24	
546	Lankoran	38 46	48 51	-20·0	1025·4	1022·8	+ 1·0	..	292·8	16th	280·1	271·4	25th	..	*283·4*	-0·6	337	
547	Tehran	35 41	51 25	1220	..	..	..	289·2	295·9	1st	279·2	271·9	25th	284·2	*283·9*	-0·3	27	
548	Meshed	36 17	59 38	946	882·2	..	..	287·6	295·7	19th	274·4	268·0	26th	281·0	..	-0·3	7	
549	Seistan	31 0	61 30	610	..	..	..	294·4	303·4	5th	278·9	272·0	28th	286·7	..	+0·1	0	
550	Quetta	30 11	67 3	1677	838·1	..	+ 0·7	292·6	297·6	1st	270·3	265·7	24th	281·4	*281·1*	-1·0	0	
551	Peshawar	34 2	71 37	339	978·5	1020·0	- 0·1	298·5	302·9	3rd	282·1	277·0	24th	290·3	*289·2*	+0·8	0	
551a	Lahore	31 34	74 20	214	991·6	1017·0	+ 0·2	301·2	305·6	1st	284·2	279·1	24th,25th	292·7	*291·5*	+1·2	0	
552	Simla	31 7	77 8	2204	784·4	..	+ 0·6	286·3	290·8	19th	280·4	275·9	15th	283·4	*283·1*	-0·2	12	
552a	Leh	34 10	77 42	3503	669·6	..	+ 0·6	282·8	286·6	4th	267·7	264·7	24th	275·2	*274·2*	+1·0	0	
559	♯Hankow	30 35	114 17	37·0	1018·5	1023·0	- 2·2	292·8	300·0	2nd	282·4	276·5	28th,29th	287·6	*287·0*	+2·0	7	
560	♯Tientsin	39 10	117 10	5·0	1021·5	1022·1	- 3·1	288·1	296·7	10th	275·2	267·5	28th	281·7	*281·1*	+3·4	0	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1021·2	- 2·5	292·3	299·5	2nd	281·8	275·0	22nd	287·1	286·0	+1·9	36	
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1012·0	1020·3	- 2·6	287·0	293·4	3rd	277·3	270·9	28th	282·2	281·8	+2·5	22	
562a	Nagasaki	32 44	129 52	133	1002·5	1018·4	- 2·4	291·2	295·8	27th	283·4	279·0	23rd	287·3	286·7	+1·1	89	
563	Kyoto	35 1	135 44	42·9	1012·9	1018·1	- 1·3	290·4	295·0	1st	276 9	273·2	25th	284·7	283·9	+1·2	82	
564	Tokyo	35 41	139 46	5·8	1015·5	1016·2	- 2·1	289·5	296·2	2nd	279·3	274·9	25th	284·4	284·2	+0·9	72	
565	♯Hukusima	37 45	140 24	62·0	1008·4	1016·0	- 2·2	287·0	294·1	1st	276·7	271·5	27th	281·9	281·5	+0·5	54	
566	Miyako	39 38	141 59	30·4	1011·0	1014·7	- 2·6	287·3	292·6	1st	275·8	271·6	30th	281·5	280·7	+0·5	50	
		N.	E.															

NOVEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20°

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1014·8	1015·6	- 3·3	298·9	301·3	10th	291·0	286·3	29th,30th	294·9	*294·4*	+0·2	71	
605	Honolulu	21 19	157 52	11·6	1014·3	1015·6	- 0·7	299·8	301·3	22nd	294·8	292·4	16th	297·3	*297·1*	+0·7	173	
613	Guaymas	27 55	110 53	8·3	1012·8	1013·9	..	302·5	307·0	10th	292·6	287·5	18th	297·5	*297·3*	+2·0	0	
615	Chihuahua	28 38	106 4	1423	860·8	1015·4	- 1·9	297·7	302·0	9th,10th	279·0	272·0	17th	288·4	*288·8*	+2·5	1	
616	Leon	21 7	101 41	1809	822·3	1013·7	- 0·4	299·2	303·0	2nd	279·9	274·6	21st	289·6	*288·5*	-0·5	0	
616a	Monterry	25 40	100 18	528	955·8	1015·5	- 1·8	299·7	305·0	2nd	288·4	281·0	18th	294·0	*294·2*	+3·6	2	
617	♯Tulancingo	20 5	98 22	2181	791·5	1014·4	+ 0·3	294·5	298·2	15th	277·8	272·0	23rd	286·1	*284·7*	-1·0	1	
618	Galveston	29 18	94 50	16·5	1017·9	1020·0	+ 0·4	297·5	300·2	2nd	292·2	279·7	17th	294·8	*294·5*	+4·5	36	
618a	New Orleans	29 57	90 4	16·2	1018·9	1020·6	+ 1·4	297·2	301·9	2nd	288·1	278·0	18th	292·6	*291·9*	+2·8	57	
619	♯Merida, Yuc.	20 58	89 38	22	1014·1	1016·7	+ 0·4	301·7	304·0	2nd	292·2	289·2	22nd	296·9	*296·5*	+0·1	8	
620	Havana	23 7	82 25	77·0	..	1016·6	+ 0·3	299·7	302·7	1st	293·7	290·0	6th	296·7	296·3	..	71	
620a	Key West	24 33	81 48	6·7	1017·5	1017·9	+ 1·3	299·1	301·3	14th	294·3	289·7	5th	296·7	*296·2*	+0·3	15	
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·9	+ 1·2	299·1	301·3	1st,16th	294·9	290·8	6th	297·0	*296·9*	-0·4	66	
622	♯Watling Island	24 6	74 26	33·5	1014·0	1017·9	+ 1·1	..	301·9	1st	..	293·6	5th	..	*297·8*	-1·0	..	
633	Port Etienne	20 56	17 3	4	1016·7	1017·2	..	302·7	308·6	25th	294·1	287·0	27th	298·4	*297·1*	..	13	
634m	Isaña	28 19	16 30	2367	757·1	..	- 0·8	282·1	287·0	5th	275·3	271·1	12th	278·7	*278·4*	-0·4	65	
634	La Laguna	28 28	16 20	547	954·0	1017·4	- 0·1	291·6	300·3	2nd	285·4	283·7	6th	288·5	*288·0*	+0·1	76	
636	Adrar	27 38	W. 0 4	285	982·9	1016·4	..	299·1	308·0	8th	284·7	276·3	17th	291·9	*292·4*	..	3	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	298·7	302·0	15th	283·9	277·8	26th	291·3	*292·2*	..	0	
641	Giaratub	29 45	24 31	49	..	..	..	291·3	294·3	1st	261·4	278·8	2nd	286·3	*285·7*	..	0	
642	Siwa	29 12	25 29	-23	1021·4	1018·6	..	300·4	306·0	15th	285·3	281·5	20th	292·8	..	..	0	
643	♯Cairo (Helwan)	29 52	31 20	116	1003·4	1017·0	+ 0·2	299·3	305·2	15th	289·1	286·6	28th	294·2	*293·8*	+1·3	15	
643a	Aswan	24 2	32 53	100	1002·8	1014·2	- 0·1	304·8	309·2	22nd	289·7	286·5	27th,30th	297·2	*296·6*	+1·3	..	
644	Tor	28 14	33 37	1·9	1014·6	1014·7	- 0·1	299·6	302·0	16th	288·7	285·0	26th	294·2	*294·0*	+1·0	1	
		N.	E.															

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.
♯Change of normals, see pages 108,109 and

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1014·5	1015·1	..	299·1	305·2	6th	290·7	285·8	26th	294·9	*294·6*	+0·7	17	-18
648	Jask	25 45	57 45	4·0	1014·1	1014·4	..	302·5	305·5	7th	293·4	290·5	28th	297·9	*297·6*	+0·4	8	+ 1
649	Karachi	24 53	66 57	4·0	1015·6	1016·1	+ 0·1	302·6	307·3	1st	293·9	291·0	30th	298·2	*297·9*	+1·0	0	- 1
650	Jacobabad	28 17	68 29	56·7	1010·0	1016·7	+ 0·4	305·1	310·7	8th	285·3	280·9	23rd	295·4	*294·7*	+1·5	0	- 2
651	Jaipur	26 56	75 52	436	967·8	1018·3	+ 0·9	301·2	305·5	1st	285·2	280·2	25th	293·2	*292·2*	-1·3	5	+ 1
652	Allahabad	21 8	79 5	310	981·0	1016·8	+ 0·8	300·3	304·2	2nd	287·8	283·4	25th	294·1	*293·8*	-1·6	64	+46
653a	Darjeeling	25 25	81 51	94·2	1005·6	1016·7	+ 0·5	299·4	305·3	2nd	287·3	282·5	25th	293·3	*292·4*	-0·5	61	+53
654	Calcutta	27 3	88 15	2265	778·9	..	+ 0·2	285·8	290·0	20th	279·7	275·5	15th	282·8	*282·5*	+0·4	79	+59
655	Gauhati	22 36	88 23	6·4	1014·7	1015·5	+ 0·6	301·8	305·2	5th	291·4	287·1	24th	296·6	*296·2*	+0·8	6	-11
655m	Cherrapunji	26 8	91 41	58·7	1009·9	1016·9	+ 0·3	299·7	302·3	1st,5th	288·7	285·3	28th	294·2	*293·5*	-0·6	16	+ 5
655a	Akyab	25 15	91 42	1313	871·2	..	- 0·2	292·4	296·3	3rd	285·1	281·3	22nd	288·8	*288·1*	-0·3	41	-41
656	Mandalay	20 11	92 56	6·1	1013·3	1014·0	+ 0·4	301·8	305·2	5th	293·4	288·6	24th	297·6	*297·2*	-0·8	98	-41
656a	Tengyueh	21 59	98 0	76·2	1006·5	1015·3	+ 0·6	303·3	307·3	2nd	292·7	288·6	29th	298·0	*297·4*	-0·3	207	+166
657	Phu Lien	25 2	98 33	1626	836·1	1014·7	..	291·9	295·8	..	278·8	274·1	..	285·4	*284·6*	-0·6	61	+14
658	Moncay	20 46	106 38	116	1003·2	1016·6	- 0·5	300·9	303·9	4th	292·1	289·0	7th	296·5	295·6	+1·6	1	-64
659	Hongkong	21 31	107 51	9·0	1015·9	1017·0	- 0·4	300·4	*303·5*	4th	290·5	286·4	8th	295·5	*295·4*	+1·6	13	-69
		22 18	114 10	33·2	..	1016·7	- 0·9	297·4	301·0	4th	292·5	287·8	30th	294·9	294·7	+0·9	46	+ 2
661	♯Taihoku, Formosa	25 2	121 31	9·3	1016·7	1017·8	- 1·0	298·1	304·6	2nd	288·3	283·4	8th	293·2	292·7	0·0	76	+10
661a	♯Basco	20 28	121 59	18·7	..	1013·2	- 0·1	300·2	303·0	2nd	295·6	291·8	14th	297·9	297·6	0·0	88	-255
662	Naha	26 12	127 39	29·5	‡1015·0	‡1016·0	- 1·6	295·9	299·5	2nd	290·5	288·1	18th	* 293·2	293·4	-0·3	168	+31
665	♯Titizima (Bonin Islands)	27 5	142 11	4·1	1015·1	1015·6	- 0·6	297·6	300·9	3rd	291·4	286·6	20th	294·5	294·3	-1·4	205	+62
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

NOVEMBER - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	956·6	1012·4	- 0·2	305·6	307·8	25th	290·2	287·9	24th	297·9	*296·4*	-0·5	0	- 8
716	Morelia	19 42	101 7	1923	810·8	1013·4	- 0·2	294·6	296·9	15th	281·0	276·9	21st	287·8	*287·3*	-0·3	0	-24
717	♯Mexico, Tacubaya	19 24	99 12	2309	775·9	..	- 0·1	294·0	297·5	15th	277·7	272·8	20th	285·9	285·5	-0·8	11	- 4
718	Salina Cruz	16 12	95 12	56	1005·6	1012·0	- 1·1	302·8	305·0	8th	295·2	292·9	6th	299·0	*299·2*	+0·3	0	-19
719	San Salvador	13 42	89 13	682	936·8	1012·2	- 0·6	306·2	308·8	30th	290·5	288·8	27th	298·3	*296·3*	+0·8	72	+34
720	♯Belize	17 31	88 11	5·2	1014·2	1014·8	- 0·3	299·7	303·0	14th	..	..	..	..	‡*295·3*	-0·5	268	+61
721	♯Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1012·1	- 0·2	303·8	306·3	28th	296·3	293·3	13th	299·9	*299·6*	+0·8	44	-53
722	Port au Prince	18 33	72 20	37·4	1007·8	1012·1	- 1·0	305·1	307·0	10th	295·7	293·7	30th	300·4	*299·5*	+0·9	87	0
723	Caracas	10 30	66 56	1042	897·5	1011·3	- 0·3	297·9	301·1	3rd	289·1	285·7	6th	293·5	*293·0*	+0·4	217	+132
724	San Juan, Porto Rico	18 29	66 7	25·0	1009·2	1011·8	- 1·6	301·4	305·2	3rd	296·0	294·1	10th	298·7	*298·4*	0·0	305	+130
724a	Grenada (Richmond Hill)	12 5	61 46	188	988·6	1010·1	- 1·1	303·2	305·8	14th	297·3	295·8	28th,29th	300·2	*299·6*	+0·8	311	+96
725	♯Barbados	13 8	59 36	55·2	..	1010·8	- 1·1	302·8	304·0	2nd,11th	295·8	294·2	5th	299·3	*299·1*	+0·2	254	+86
731	São Vicente, C. Verde Is.	16 54	25 4	11	1010·9	1012·1	- 1·6	300·5	303·0	8th	297·0	295·0	20th	298·7	*298·9*	+1·3	11	+ 4
732	San Tiago, C. Verde Is.	14 54	23 31	34	1008·7	1012·7	- 1·5	302·1	303·7	9th,11th	297·2	295·0	25th	299·7	*299·9*	+1·2	0	-12
733	Dakar	14 40	17 26	32	1006·4	1010·1	..	302·6	306·2	1st	297·7	295·0	25th	300·1	*299·9*	+1·0	9	+ 8
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	303·3	306·9	16th	296·3	293·6	29th	299·9	*300·1*	+0·7	102	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	307·8	311·0	8th	290·1	284·8	28th	298·9	*299·2*	-0·6	0	0
737	♯Sokoto	13 2	E. 5 14	353	..	..	..	309·9	311·3	26th	291·5	286·3	13th	300·7	*300·2*	+0·3	0	0
738	Kaduna Capital	10 32	7 25	7637	..	..	..	305·6	307·4	15th,18th	..	..	..	..	‡*298·6*	+0·3	0	- 5
739	Hadeija	12 40	10 5	?	..	..	..	307·1	309·7	6th	..	..	..	..	‡*298·4*	-2·2	0	0
740	♯Maiduguri	11 47	13 11	361	..	..	..	309·3	313·0	5th	290·6	286·9	12th	299·9	*299·4*	+0·1	0	0
741	El Fasher	13 32	25 18	730	929·4	1009·8	..	307·6	312·5	5th	287·5	284·5	sev. dates	297·6	*296·8*	..	0	0
743	El Obeid	13 11	30 14	563	946·8	1009·5	- 0·8	308·4	312·3	2nd	290·3	286·2	13th	299·4	*298·6*	+0·8	0	0
743a	♯Khartoum	15 37	32 33	390	966·2	1009·9	0·0	308·2	313·2	1st	293·6	290·1	8th	300·9	*301·0*	+0·3	0	0
744	Port Sudan	19 37	37 13	5·5	1011·8	1012·4	- 0·2	304·9	308·7	5th	297·2	295·4	8th	301·0	*300·8*	+0·7	5	-41
745	♯Berbera, Somaliland	10 22	45 2	13·8	1012·1	1013·7	- 0·3	302·9	304·7	1st,4th	296·3	295·2	sev. dates	299·6	*299·6*	-0·1	0	- 4
746	Aden	12 45	45 3	28·7	1011·5	1014·7	- 0·3	303·7	306·3	1st	296·8	295·1	20th	300·3	*299·7*	+0·8	0	- 2
761	Bombay	18 54	72 49	11·3	1012·4	1013·7	0·0	302·1	306·2	1st	295·2	291·5	13th	298·7	297·7	-1·3	139	+129
762	Kodaikanal	10 14	77 28	2343	772·0	..	+ 0·6	290·9	294·8	28th,30th	282·7	278·7	30th	286·8	*286·2*	+1·0	226	+19
762a	Bangalore	12 59	77 38	921	912·0	1013·3	+ 0·3	300·2	302·5	4th	289·3	284·8	20th	295·0	*294·4*	+0·5	40	-34
763	Madras	13 4	80 14	6·7	1012·3	1013·0	+ 0·2	302·2	304·1	6th	295·3	289·4	19th	298·7	*298·3*	-0·2	387	+25
764	Vizagapatam	17 42	83 19	11·6	1013·1	1014·5	+ 0·5	301·6	303·4	17th	295·3	292·1	26th	298·4	*299·0*	-0·1	174	+78
755	Port Blair	11 40	92 40	18·0	1009·8	1011·8	0·0	302·4	303·9	6th	298·1	295·8	30th	300·3	*299·9*	-0·3	274	+32
756	Rangoon	16 46	95 48	5·5	1013·3	1013·9	+ 0·5	304·8	306·7	5th	295·4	292·2	28th	300·1	*299·2*	+0·4	29	-42
757	Saigon	10 47	106 42	11	1009·9	1011·1	+ 1·2	303·8	305·2	3rd	295·5	293·0	7th	299·7	*299·2*	0·0	128	+11
758	Nhatrang	12 15	109 12	3·6	1011·4	1011·8	+ 0·6	301·8	303·9	25th	294·9	292·2	8th	298·4	*297·9*	-0·1	269	-144
759	Bolinao	16 23	119 53	2	..	1009·6	+ 0·6	304·4	306·2	20th	296·5	294·0	14th	300·5	*300·3*	+0·4	5	-44
761	♯Vigan	17 34	120 23	12·2	..	1009·6	- 0·2	304·1	305·5	3rd	295·9	292·4	27th	300·0	299·8	0·0	18	-18
761a	Manila	14 35	120 59	14·2	..	1010·4	+ 0·6	303·8	305·7	23rd	295·7	292·4	27th	299·7	299·0	+0·2	81	-56
762	♯Ormoc	11 0	124 36	5·6	..	1008·1	+ 0·1	305·5	307·1	5th	295·4	292·0	28th	300·5	*299·6*	+0·6	124	-121
765	♯Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·4	+ 0·5	303·6	305·0	10th,11th	298·6	296·8	17th	301·1	*301·2*	+1·2	152	-38
		N.	E.															

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111
♯Change of normals, see pages 110 and 111.

NOVEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	1009·4	1010·0	- 0·2	305·1	307·7	28th	298·7	296·1	30th	301·9	*301·5*	+0·6	23	
821	♯Cristobal (Colon)	9 23	79 54	11·0	..	1009·9	- 0·7	302·7	304·7	1st	296·7	295·2	12th,25th	299·7	299·1	+0·3	720	+2
822	Bogota	4 36	74 5	2645	745·2	..	..	292·3	295·4	14th	283·2	281·3	8th	287·8	*287·1*	..	90	-1
822a	Merida, Venez.	8 36	71 9	1641	‡840·4	..	- 0·8	296·1	298·0	10th,12th	288·3	286·3	7th	292·2	*291·4*	+0·2	186	
823	Ciudad Bolivar	8 9	63 33	38	1004·3	1008·6	..	304·7	306·0	5th	297·3	295·7	17th	301·0	*300·5*	+0·1	95	+4
824	El Peru, Guayanavieja	7 19	61 49	220	983·0	1007·8	- 1·1	302·3	304·1	16th	295·4	294·3	19th	298·9	*298·4*	+0·4	97	
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1009·3	- 1·7	304·3	305·5	27th	297·8	296·3	6th,15th	300·9	*300·3*	+0·8	65	
826	Paramaribo	5 49	55 9	3·7	..	1009·9	- 1·7	306·3	307·4	2nd	295·5	293·8	13th	300·9	*301·0*	+0·8	96	
826a	Cayenne	4 56	52 21	6	..	..	..	302·9	303·3	2nd	299·0	297·0	3rd	300·9	*300·7*	+0·4	63	
831	10°–5° N. 30°–25° W.	†† 7	3 †† 27	2 §(106-115)	..	1011·4	- 0·1	..	..	Sea Temp. 300·3	+0·5	..	..	..	299·9	+0·5	..	
833	Konakri	9 31	13 43	16	..	..	..	303·6	305·0	17th	297·4	295·0	6th	300·5	*299·9*	+0·3	146	
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·3	1011·2	+ 0·3	303·5	305·2	17th	296·0	294·1	8th,18th	299·7	*299·0*	-0·6	114	
835	Assuantsi	5 18	1 15	101	..	..	..	302·7	304·1	5th	294·1	292·4	16th	298·4	*297·8*	-0·2	196	
836	Accra	5 33	W. 0 12	16·0	1007·9	1009·8	- 0·8	303·7	305·1	24th	297·1	294·4	11th	300·4	*299·9*	+0·5	29	
837	Lagos	6 27	E. 3 24	3·0	1009·6	1009·9	- 0·2	304·2	305·8	27,28,30	297·9	295·2	2nd	301·1	*300·5*	+0·5	60	
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	66	
839	Yola	9 12	12 30	259	..	..	..	308·1	310·8	30th	294·4	290·8	15th	301·3	*300·8*	+0·4	0	
841	♯Wau	7 42	28 3	440	..	..	..	..	..	..	292·5	289·5	15th	..	*299·9*	+1·0	19	
843	Malakal (Kodok)	9 35	31 37	394	964·8	1008·6	- 0·3	309·7	312·0	22,29,30	292·0	288·5	8th,9th	300·8	*300·5*	+1·4	3	
843a	♯Mongalla	5 11	31 47	448	957·8	1007·1	- 1·2	..	..	..	295·3	293·1	2nd,23rd	..	*301·0*	+1·9	28	
844	♯Entebbe	0 5	32 29	1171	883·6	1009·4	+ 0·1	300·5	301·9	1,22,25	290·4	288·6	11th,26th	295·4	*294·8*	+0·9	160	
851	Minicoy	8 17	72 49	2·1	1011·9	1012·1	+ 0·2	303·2	304·5	3rd	297·3	294·9	17th	300·3	*299·9*	..	34	
851a	Cochin	9 58	76 21	2·7	1012·4	1012·7	+ 0·6	302·5	304·3	14th	296·9	295·7	23rd	299·7	*299·3*	-0·6	62	
852	Colombo Observatory	6 54	79 52	7·3	..	1010·9	+ 1·1	303·2	304·7	4th	296·2	294·4	21st	299·7	*299·3*	0·0	189	
853	Numara Eliya	6 58	80 46	1886	..	..	..	293·5	295·4	3rd	284·3	280·3	3rd	288·9	*288·3*	+0·8	223	
854	Trincomalee	8 35	81 15	30·2	..	1010·2	+ 0·8	302·6	308·9	2nd	296·6	293·8	4th	299·6	*299·2*	-0·1	331	
855	Kuta Raja	5 32	95 20	7·1	..	1009·5	- 0·4	..	..	..	..	..	..	..	..	..	217	
856	Medan	3 35	98 41	25·0	..	1010·5	+ 0·4	302·3	305·0	22nd	295·4	293·2	17th	298·9	298·4	+0·4	264	
857	Penang	5 34	100 20	5·0	1009·5	1010·0	- 0·2	306·4	306·9	30th	295·3	294·4	18th	300·9	*300·2*	+1·0	232	
858	♯Singapore	1 18	103 51	10·9	1009·4	1010·6	+ 1·0	303·2	305·6	20th	296·3	295·2	15th	299·7	*299·2*	-0·2	398	
859	Sandakan	5 50	118 7	31·7	..	..	..	304·2	305·2	17,19,22	296·8	295·8	6,10,22	300·5	*300·2*	+0·3	261	
860	Iwahig	9 44	118 38	14·3	..	1008·6	+ 1·1	304·0	307·4	24th	295·3	292·6	29th	299·7	*299·4*	+0·3		
861	Tagbilaran	9 38	123 51	21·3	..	1008·3	0·0	304·5	306·1	29th	296·9	295·0	28th	300·7	299·8	+0·4	172	
861a	Menado	1 30	124 50	8·5	..	1008·9	+ 0·4	303·4	305·0	22nd	296·0	292·1	27th	299·7	299·3	+0·1	324	
862	Surigao	9 48	125 29	6	..	1008·8	+ 0·3	302·2	304·6	1st	296·9	296·0	3,12,16	299·5	299·3	+0·1	333	
863	♯Kolonie, Yap	9 29	138 8	29·3	..	1008·6	+ 1·0	303·0	305·2	17th	298·1	295·9	24th,25th	300·5	300·2	+0·2	336	

NOVEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10°

924	Manaos	3 8	60 1	43·8	..	..	..	304·5	307·0	9th	295·6	294·0	2nd	300·0	*300·0*	-0·6	191	
926	Taperinha	2 30	54 20	21·5	1007·0	1009·2	- 0·6	305·5	306·8	5th	296·5	295·5	3,11,16	301·0	*299·9*	+0·6	40	
927	Turyassu	1 43	45 26	9·1	1008·2	1009·4	- 0·9	306·9	308·4	11th,28th	296·2	294·8	19th	301·6	*300·7*	+0·6	3	
928	Barra do Corda	5 30	45 16	81·0	997·8	1007·0	- 1·8	307·3	310·2	10th	295·6	294·1	5th	301·4	*300·4*	+0·8	59	
929	Quixeramobim	5 16	39 15	207	987·1	1010·2	- 0·4	306·5	307·4	15th,29th	298·0	297·4	5th,7th	302·2	*301·9*	+0·5	0	
930	Fernando Noronha	3 50	32 25	106	999·5	1011·4	- 0·8	302·8	302·9	30th	295·9	295·1	8th,9th	299·4	*298·7*	+0·7	1	
930a	5°–10° S. 35°–30° W.	†† 7	7 †† 33	23 §(65)	..	1012·8	..	..	..	Sea Temp. 299·4	+0·3	..	..	..	299·3	..	..	
930b	0°–5° S. 35°–30° W.	†† 2	34 †† 31	22 §(47)	..	1011·9	..	..	..	299·4	+0·3	..	..	..	299·7	..	..	
934	♯Ascension Island	7 55	W. 14 24	16·8	1012·1	1013·9	- 0·5	300·7	302·4	13th,24th	295·4	294·1	1,2,18	298·1	*297·3*	+0·1	9	
939	Loanda	8 49	E. 13 13	51	..	1011·0	- 0·4	299·8	301·3	27th,30th	295·7	294·7	5th	297·7	297·3	-0·3	10	
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	
943	Wasaka	0 20	31 44	†1280	..	..	..	300·4	301·9	17th,28th	289·0	288·0	4th	294·7	*294·2*	+1·6	75	
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	298·0	302·4	14th,16th	286·9	283·0	29th	292·4	..	..	76	
944a	Zanzibar	6 10	39 11	17·1	1012·8	1014·7	+ 0·6	302·3	303·7	26th	298·0	296·7	13th	300·1	*299·5*	-0·1	196	
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	304·1	29th	298·0	296·3	28th,29th	300·2	*299·8*	-0·1	8	
947	Seychelles, Port Office	4 37	55 27	4·6	1012·2	1012·7	+ 0·9	304·2	304·8	12,24,27	296·1	293·9	8th	300·1	*299·3*	+1·0	147	
957	Padang	0 56	100 22	6·7	..	1011·3	+ 0·5	301·9	303·3	28th	296·8	295·6	20th	299·3	299·0	0·0	794	
958	Batavia	6 11	106 50	8·0	1009·2	1010·1	+ 0·4	303·7	306·1	8th	296·8	295·6	14th	300·3	299·4	+0·1	147	
958a	♯Pontianak	0 1	109 20	2·6	..	1009·6	- 0·4	304·2	306·3	30th	297·2	296·6	2nd	300·7	299·7	+0·5	291	
959	Pasuruan	7 38	112 55	5·0	..	1009·8	+ 0·3	306·1	307·5	22nd	297·4	295·9	14th	301·7	301·6	+1·0	11	
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	265	
962	♯Amboina	3 42	128 10	4·2	..	1008·6	- 0·3	303·3	305·0	27th	297·5	296·6	15th	300·4	300·0	+0·5	284	
963	Manokwari	0 52	134 30	19·0	..	..	..	..	..	..	..	..	..	..	..	..	156	
965	♯Daru	9 4	143 13	7·6	..	..	..	301·6	..	..	..	..	..	..	..	..	26	
966	♯Port Moresby	9 29	147 9	38·4	..	1010·6	+ 0·6	303·7	..	..	297·2	..	..	299·4	*299·0*	-0·9	48	
967	Rabaul	4 9	152 12	12·5	..	1008·1	- 0·2	305·2	307·6	5th,6th	296·1	294·8	30th	300·7	*300·1*	-0·2	112	
969	♯Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	
970	Ocean Island	0 52	169 35	42·6	1003·6	1008·5	- 1·5	308·0	308·0	1,10,11	299·3	297·4	29th,30th	302·7	*301·9*	+1·5	143	

*For formulae employed see pages 111, 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111, 112
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 111, 112

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

NOVEMBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	♯Apia, Samoa	13 48	171 46	2	..	1007·5	- 1·8	302·7	304·7	26th	297·2	296·2	5,10,18	299·9	299·9	+0·5	336	+86
1003	♯Alofi, Niue Island	19 2	169 55	27·4	..	1011·6	- 1·5	301·9	303·6	18th	294·8	291·3	30th	298·3	*298·1*	+0·1	126	-15
1022	Tacna	18 0	70 18	560	..	..	..	301·4	303·0	sev. dates	284·1	280·0	6th,26th	292·7	*290·9*	0·0	0	- 1
1025	Corumba	18 59	57 39	116	994·4	1007·2	- 0·5	308·4	313·0	7th	295·7	288·2	9th	302·0	*301·9*	+1·8	51	-75
1026	Cuyaba	15 36	56 6	165	989·2	1007·8	- 0·7	307·1	310·7	8th	295·6	291·6	1st	301·4	*300·6*	+0·6	93	-58
1027	Bello Horizonte	19 55	43 57	895	913·0	1010·7	0·0	301·6	308·2	8th	290·5	286·2	17th	296·0	*295·6*	+1·3	83	-146
1028	Caetite	14 3	42 37	897	914·7	1012·7	+ 0·8	301·3	306·5	8th	290·4	287·0	28th	295·8	*295·8*	+0·1	66	-69
1029	Ordina (Bahia)	13 0	38 31	46·6	1006·7	1012·0	- 0·3	301·8	304·1	23rd	295·7	293·7	28th	298·8	*298·5*	+0·4	138	- 3
1030	Aracaju	10 55	37 3	6·1	..	..	..	302·0	303·2	25th	296·6	293·9	13th	299·3	*298·9*	..	16	..
1030a	15°–20° S. 40°–35° W.	†† 16	48 †† 37	54 §(72)	..	1013·4	..	..	..	Sea Temp. 298·7	+0·7	..	..	..	298·9	..	..	..
1030b	10°–15° S. 40°–35° W.	†† 12	42 †† 36	19 §(59)	..	1014·4	..	..	..	298·8	0·0	..	..	..	299·2	..	..	..
1035	St. Helena	15 57	W. 5 40	579	947·1	1014·3	+ 0·1	290·6	291·9	3rd,22nd	286·3	285·8	sev. dates	288·4	*288·0*	+0·1	15	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	905·4	1009·5	..	306·3	312·2	10th	293·4	289·4	20th	299·9	..	..	89	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	..	..	..	..	..	..	..	..	..	67	-56
1042	Gwelo	19 26	30 2	1411	..	..	..	302·1	310·2	11th	287·2	282·4	6th	294·7	..	-0·6	61	-29
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	853·7	1012·0	+ 0·8	300·1	305·5	11th,12th	287·2	281·9	6th	293·7	292·7	-0·9	94	+ 3
1044	♯Lomba	15 23	35 18	955	907·2	1010·6	+ 0·8	303·9	307·4	11,13,14	290·4	284·7	5th	297·2	*297·5*	0·0	51	-78
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	865·9	1013·5	+ 0·8	299·7	303·0	29th	286·6	284·6	2nd	293·1	292·5	-0·2	152	+22
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1014·4	1015·1	+ 1·0	301·8	303·1	27th	297·9	296·9	23rd	299·8	*299·5*	-0·1	76	-18
1057	Christmas Island	10 25	105 43	5·5	1009·0	1009·7	+ 0·8	304·1	305·2	10,28,29	297·3	295·8	24th	300·7	*300·3*	+0·4	43	-167
1061	Kupang	10 10	123 34	45·1	..	1010·3	+ 0·7	306·5	311·0	7th	297·3	296·0	11th	301·9	301·3	+0·5	101	+11
1061a	Derby	17 18	123 40	16·2	1008·0	1009·8	+ 0·5	309·2	313·0	14th	298·8	295·4	7th	304·0	..	+0·4	2	-28
1062	Hall's Creek	18 13	127 46	373	968·0	1009·0	+ 0·2	309·9	313·6	13th,14th	295·4	288·9	8th	302·7	*302·0*	-0·7	101	+62
1063	Darwin	12 28	130 51	29·6	1006·1	1009·5	+ 0·8	307·4	309·6	15th	297·9	295·7	13th	302·7	*301·5*	-0·2	121	- 2
1064	Daly Waters	16 16	133 23	211	984·6	1008·0	0·0	312·3	315·2	14th,30th	296·6	290·8	30th	304·4	*303·7*	+0·2	33	-23
1065	♯Mein	13 13	142 47	122	994·7	1008·3	0·0	307·8	312·1	30th	295·0	292·4	20th,21st	301·4	*300·6*	+0·2	3	-59
1066	♯Georgetown, Queensland	18 22	143 32	302	977·0	1010·4	+ 0·2	309·8	312·3	5th	295·3	291·3	30th	302·6	..	+0·8	41	- 2
1066a	Willis Island	16 18	149 59	8·5	1008·9	1009·9	..	302·7	305·0	29th	297·4	294·7	11th	300·1	*300·1*	..	33	..
1067	Samarai	10 37	150 40	6·1	..	1009·8	+ 0·1	302·5	..	..	296·9	..	..	299·7	*299·5*	+0·1	240	+62
1072	Suva, Fiji	18 8	178 26	6·1	1008·9	1009·6	- 1·5	301·6	304·1	10,15,16	295·8	293·0	28th	298·7	*298·5*	+0·6	391	+142

BETWEEN LATITUDE 20° S. AND 30° S.

NOVEMBER - ZONE 11 (AMERICA, AFRICA).

1106	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·4	302·4	9th	293·6	291·9	18th	297·0	*296·8*	+0·3	222	+60
1121	♯Punta Tortuga, Coquimbo	29 56	71 21	27	1012·4	1015·6	- 0·5	291·0	293·2	22nd	285·5	282·9	8th	288·3	*287·8*	+0·3		
1122	Iquique	20 12	70 11	9	1013·6	1014·7	- 0·8	295·0	298·6	15th	285·6	283·7	26th	290·3	*291·2*	-0·3	0	- 1
1123	♯Catamarca	28 27	65 47	510	949·4	1005·8	- 1·8	306·2	313·0	18th	291·9	280·6	8th	299·1	*298·3*	+0·6	0	0
1124	Salta	24 46	65 28	1182	879·3	1005·3	- 0·7	302·6	310·9	20th	287·4	278·1	9th	295·0	*295·7*	+1·5	45	+10
1125	Goya	29 9	59 15	26	1006·9	1009·9	+ 0·5	304·0	311·4	20th	290·3	283·0	9th	297·1	*297·2*	+1·7	13	-45
1126	Asuncion	25 17	57 41	93	1000·8	1011·6	+ 1·8	305·5	316·3	20th	292·7	284·0	8th	299·1	*298·5*	+0·8	120	+16
1127	Curityba	25 25	49 17	908	913·2	1014·4	+ 1·2	296·8	303·6	21st	286·7	282·3	1st	291·8	*290·8*	-0·1	339	+196
1128	Rio de Janeiro	22 54	43 10	18·3	1011·5	1013·6	+ 1·1	298·7	305·2	7th	294·0	290·3	1st	296·4	296·2	+0·3	97	-29
1128a	25°–30° S. 50°–45° W.	†† 27	26 †† 46	57 §(70)	..	1015·6	..	..	..	Sea Temp. 294·6	+0·4	..	..	..	294·7	..	66	-37
1128b	20°–25° S. 45°–40° W.	†† 22	27 †† 40	45 §(43)	..	1016·2	..	..	..	296·8	+0·5	..	..	..	296·9	..	..	..
1139	Windhoek	22 34	E. 17 5	1669	835·4	1008·6	..	302·6	305·6	1st	289·6	284·0	19th	296·1	*295·4*	+0·8	18	- 3
1140	O'Okiep	29 36	17 52	933	910·4	1012·3	- 0·3	302·7	310·9	4th	288·9	278·1	13th	295·8	*295·6*	+4·1	0	- 5
1141	Kimberley	28 42	24 47	1202	882·0	1010·5	+ 1·3	304·7	311·5	28th	288·3	280·1	13th	296·5	296·4	+1·9	4	-33
1141a	Johannesburg	26 11	28 4	1806	824·5	1013·7	+ 1·2	298·9	303·7	6th	285·3	279·5	13th	292·1	*292·7*	+1·5	47	-79
1142	♯Bulawayo	20 9	28 35	1349	869·0	1013·0	+ 0·9	301·2	309·1	11th	288·6	285·2	20,21,23	294·9	*294·5*	-0·6	74	-10
1143	Durban	29 52	31 3	15·2	1015·0	1016·8	+ 0·4	298·7	302·2	30th	292·0	287·4	13th	295·3	*294·8*	+0·6	41	-85
1144	Lourenço Marques	25 58	32 36	59	..	1016·0	+ 1·4	301·7	311·7	11th	292·7	288·9	20th	297·2	296·7	+0·5	15	-61
1147	Mauritius	20 6	57 33	55·2	1009·9	1016·3	+ 0·2	300·6	304·0	29th	293·3	290·9	7th	296·9	296·6	-0·3	19	-21
		S.	E.															

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ♯Change of normals, see pages 113 and 114.

NOVEMBER - ZONE 11 (AUSTRALIA). TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30°

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1008·8	1009·3	- 0·6	306·3	313·3	29th	290·8	287·3	1st	298·6	..	-0·8	1	..
1160	Cue	27 27	117 52	454	961·1	1011·2	+ 0·4	307·3	314·2	28th	291·3	283·5	1st	299·3	..	+1·0	0	..
1161	Nullagine	21 53	120 5	386	966·3	1008·4	+ 0·3	311·4	315·4	16th	293·6	285·9	4th	302·5	..	-0·3	7	..
1162	Laverton	28 40	122 23	466	959·8	1012·1	+ 0·1	307·2	315·6	28th	290·4	282·0	1st	298·8	*298·6*	+1·2	12	..
1163	Alice Springs	23 38	133 37	587	946·2	1010·4	+ 0·7	305·7	313·6	30th	290·5	283·6	5th	298·1	*297·9*	-1·0	39	..
1164a	§Boulia	22 55	139 38	146	992·0	1008·2	- 0·5	309·4	314·3	17th	295·3	287·8	5th	302·4	*302·2*	+0·5	5	..
1165	§Thargomindah	27 58	143 43	123	997·1	1011·2	+ 0·5	306·7	314·2	23rd	293·6	287·6	5th	300·1	*299·7*	+0·8	32	..
1166	§Mitchell	26 32	147 52	336	974·1	1011·3	- 0·2	305·0	310·7	23rd	291·2	286·4	19th	298·1	..	+0·9	78	..
1167	§Rockhampton	23 24	150 30	11·3	1011·6	1013·0	- 0·2	303·0	310·3	14th	292·8	289·6	1st	297·9	..	-0·7	87	..
1168	§Brisbane	27 28	153 2	41·8	1010·4	1014·9	+ 0·4	300·0	303·6	13th	291·3	288·2	15th	295·7	*294·9*	-0·4	148	..
1170	§Norfolk Island	29 4	167 59	15·2	1017·2	1019·1	+ 2·1	294·2	299·1	13th,14th	289·2	284·4	1st	291·7	*291·3*	-0·7	15	..

NOVEMBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40°

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	978·8	1019·8	..	288·4	291·9	17th	283·1	280·8	10th	285·7	*284·9*	..	26	..
1221a	Punta Tumbes	36 37	73 6	120	1002·4	1016·9	+ 0·3	289·3	292·4	28th	282·9	279·8	6th	286·1	*285·7*	+0·2	35	..
1222	§Punta Angeles, Valparaiso	33 1	71 38	41	1011·8	1016·7	+ 0·8	293·2	302·5	15th	284·4	281·6	12th	288·8	*288·3*	-0·4	3	..
1222a	Santiago	33 27	70 42	520	954·7	1014·5	- 0·1	297·9	308·2	13th,15th	282·3	276·4	7th	290·1	*289·3*	+0·2	1	..
1223	Cordoba	31 25	64 12	423	961·9	1009·6	- 1·2	303·5	314·0	18th	287·3	277·1	7th	295·4	295·2	+2·0	41	..
1224	Bahia Blanca	38 45	62 15	25	1008·0	1011·0	- 1·5	301·3	309·7	17th	286·2	275·7	7th	293·7	*292·9*	+1·3	46	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1010·5	1013·4	- 0·2	297·2	303·4	15th	287·3	277·9	7th	292·3	292·2	+0·4	214	..
1226	Montevideo (Obs. Central)	34 55	56 13	24·3	..	1013·3	+ 0·8	..	304·2	27th	..	280·2	1st	..	*291·9*	0·0	77	..
1226a	Porto Alegre	30 2	51 13	23·5	1011·1	1013·8	+ 0·9	299·8	307·6	20th	289·2	281·8	1st	294·5	294·0	+0·1	105	..
1226b	30°-35° S. 55°-50° W.	††32 57	††52 27	§(57)	..	1017·4	..	..	..	Sea Temp. ,291·2	+0·3	..	..	..	291·3	..	..	..
			W.															
1239	Cape Town	33 56	E. 18 29	12·2	1013·6	1015·0	- 0·4	298·3	311·2	25th	287·7	282·1	13th	293·0	*291·9*	+2·0	39	..
1240	Danger Point	34 37	19 18	27·7	1012·5	1015·8	+ 1·0	293·3	301·3	7th	287·0	283·6	10th,13th	290·1	..	+0·4	47	..
1241	Riversdale	34 6	21 16	61·0	..	..	..	300·7	311·9	26th	286·6	278·6	2nd	293·7	..	+1·9	32	..
1242	East London	33 2	27 55	44·9	1010·7	1016·0	+ 0·9	297·6	301·3	22nd	288·8	284·7	19th	293·2	..	+1·4	18	..
1259	Perth (Observatory)	31 57	115 51	60·0	1008·9	1015·9	+ 0·3	298·0	307·4	17th	287·1	282·4	10th	292·6	*292·3*	+0·7	11	..
1260	Katanning	33 42	117 35	310	979·8	1015·3	+ 0·5	300·2	308·7	28th	283·3	279·1	10th	291·7	..	+1·1	7	..
1261	Coolgardie	30 57	121 10	423	965·9	1013·5	+ 0·6	304·3	313·7	28th	287·2	279·2	2nd	295·7	*295·5*	+1·2	5	..
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1014·1	1015·6	+ 0·3	301·2	313·4	21st	286·4	281·3	4th	293·8	*293·0*	+1·2	24	..
1264	Adelaide	34 56	138 35	42·7	1010·7	1015·7	+ 0·6	301·3	312·5	10th	287·1	281·8	13th	294·2	*293·7*	+1·8	37	..
1265	Melbourne	37 49	144 58	35·1	1011·5	1015·5	+ 1·1	297·0	311·9	10th	285·4	280·6	14th	291·2	*291·0*	+1·9	30	..
1266	Bourke	30 13	145 58	110	1002·7	1015·1	+ 0·8	306·0	316·3	22nd	291·1	285·2	5th	298·6	..	+0·3	26	..
1267	Sydney	33 51	151 13	42·1	1010·3	1015·3	+ 1·6	295·2	301·2	3rd	288·5	284·6	14th,15th	291·8	*291·7*	-0·6	154	..
1268	§Lord Howe Island	31 20	159 0	4·6	1016·8	1017·6	+ 1·3	296·3	299·6	25th	290·3	284·6	16th	293·3	..	+0·6	76	..
1271	Auckland	36 50	174 50	38·1	..	1014·7	+ 0·5	291·3	293·6	9th,15th	285·6	282·4	24th	288·4	..	-0·3	41	..
1272	Napier	39 29	176 55	1·5	..	..	..	292·9	299·1	14th	283·6	275·8	12th	288·2	..	-0·7	35	..

NOVEMBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50°

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·9	1016·9	+ 0·7	284·9	288·5	28th	279·9	275·8	5th	282·4	*282·7*	+0·1	93	..
1322	Punta Galera	40 1	73 44	40	1012·7	1017·5	- 0·1	288·2	292·9	25th	283·0	280·2	5th	285·6	*285·6*	+1·1	74	..
1323	§Sarmiento	45 34	69 0	272	974·4	1006·4	- 1·9	294·5	298·2	21st	281·5	274·8	6th	288·0	*286·8*	0·0	5	..
1324	§Puerto Madryn	42 49	W. 64 58	14	..	..	..	..	..	..	..	..	..	..	..	..	11	..
1385	Launceston	41 27	E.147 10	10·1	1012·2	1013·4	+ 2·7	294·8	300·2	30th	282·1	278·3	24th	288·4	*287·6*	+0·8	12	..
1366	Hobart	42 53	147 20	53·9	1007·6	1014·1	+ 4·8	292·2	301·8	30th	281·9	277·2	21st	287·1	*286·3*	+0·1	33	..
1370	Invercargill	46 25	168 21	3·7	..	..	..	287·2	295·8	18th	279·1	274·7	15th	283·1	..	-1·3	135	..
1371	Dunedin	45 52	170 31	6·1	..	1009·7	+ 2·5	287·7	292·4	9th	279·1	275·2	21st	283·4	..	-1·4	76	..
1371a	Christchurch	43 31	172 39	7·6	..	1009·4	+ 1·0	290·1	297·9	8th	280·1	274·1	12th	285·1	..	-1·5	76	..
1372	Wellington	41 16	174 46	3·0	..	1010·9	- 0·5	289·2	291·9	24th,26th	282·3	276·4	3rd	285·7	..	-1·1	145	..

NOVEMBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60°

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	994·7	1001·4	- 0·5	280·4	281·6	26th,27th	276·4	273·6	4th	278·4	*279·2*	0·0	238	..
1422	Puerto de Punta Arenas	53 10	70 54	28	996·3	999·7	- 0·8	284·9	288·2	26th	277·3	274·0	9th	281·3	*281·6*	+0·2	21	..
1423	§Punta Dungeness	52 24	68 26	5	998·6	999·2	0·0	283·5	288·8	23rd	277·7	274·7	9th,13th	280·6	*281·0*	-0·4	..	..
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	999·2	- 2·0	284·4	294·7	27th	275·7	271·3	12th	280·1	..	-0·2	34	..
1426	Cape Pembroke	51 41	57 42	21·3	995·5	998·1	- 1·2	282·8	290·8	28th	276·4	271·3	9th	279·6	279·5	-0·2	..	..
1429	§S. Georgia (Cumberland Bay)	54 14	36 33	4	990·4	990·9	- 3·0	277·2	283·2	30th	271·3	269·1	23rd	274·3	*273·9*	-2·0	93	..

NOVEMBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70°

		S.	W.															
1527	South Orkneys	60 44	44 39	7	989·8	990·7	+ 1·8	271·8	276·0	27th	266·1	258·3	18th	268·9	269·4	-1·4	18	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, DECEMBER 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE
FOR THE MONTH OF DECEMBER 1927
BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE

BETWEEN LATITUDE 80° N. AND 70° N. DECEMBER - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1021·1	1021·4	..	259·1	271·1	10th	251·0	240·2	19th	255·0	..	..	21	..
105	§Barrow	71 23	156 17	7·0	..	1027·7	..	253·1	270·2	30th,31st	243·8	235·2	21st	248·4	..	-0·2	2	- 5
125	Upernivik	72 47	56 7	19·2	1006·8	1009·3	+ 3·0	267·5	278·3	10th	261·3	248·6	31st	264·4	*263·8*	+7·8	26	+13
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	269·2	17th	..	233·8	24th	..	*254·2*	..	..	..
132	Scoresbysund	70 29	21 58	18·9	1018·0	1018·2	..	262·7	270·9	10th	254·3	239·5	25th	258·5	*258·9*	..	9	..
135	§Jan Mayen	70 59	W. 8 18	23·1	1014·9	1017·8	+16·6	..	277·0	6th	266·7	257·0	28th	..	*269·4*	-0·6	41	- 8
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1012·5	1013·9	+ 6·9	..	274·6	5th	252·2	235·0	25th	..	256·3	-2·3	132	+93
140	Björnöen	74 28	19 17	40·5	1008·4	1013·7	+10·1	..	275·4	1st	260·8	248·1	25th	..	*264·6*	-3·1	95	+58
141	Ingvy	71 4	24 6	7·5	1013·2	1014·2	+11·2	..	279·8	2nd	269·8	263·8	27th	..	*272·2*	-0·2	50	-20
142	Mehavn	71 1	27 47	10·2	1012·9	1014·2	+ 9·3	..	276·5	31st	266·9	260·3	27th	..	*270·6*	+1·8	37	-48
143	Vardö	70 22	31 6	11·8	1012·6	1014·1	+ 8·4	..	275·0	31st	266·7	261·0	27th	..	*269·3*	+0·7	51	-12
147	Malye Karmakouly	72 23	52 43	15·3	1008·8	1010·8	+ 1·0	264·2	274·0	2nd	255·6	245·1	15th	259·9	*259·8*	+0·8	6	-15
148	Waigatz	70 24	58 47	11·2	1009·8	1011·3	..	..	272·7	2nd,3rd	252·9	241·2	16th	..	*257·5*	-0·3	8	- 3
153	Dickson	73 31	80 23	13·0	1013·2	1015·0	+ 0·9	248·9	270·5	3rd	241·5	231·8	19th	245·2	*245·6*	-3·6	2	- 5
162	Bouloune	70 45	127 47	35	1015·5	1020·7	..	..	..	..	231·2	221·6	5th	..	*235·5*	-0·8	6	..
		N.	E.															

BETWEEN LATITUDE 70° N. AND 60° N. DECEMBER - ZONE 2.

201	Preobrajenye	N.	W.															
203	Nome	64 52	175 18	? 31	1010·6	1016·7	..	..	..	..	280·6	248·9	20th	..	*263·7*	..	14	..
204	Candle	64 30	165 24	8·7	1010·8	1011·5	+ 4·6	265·0	274·1	9th	258·8	248·6	19th	261·9	*262·3*	+3·5	36	+ 8
204a	Bethel	65 55	161 57	2·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
205	Tanana	65 45	161 47	11·6	..	..	..	266·2	276·3	8th,9th	258·4	241·9	1st	262·3	..	..	..	..
206	Rampart	65 10	152 6	69·5	1009·6	1018·6	+ 7·7	255·5	266·9	11th,12th	248·7	234·7	28th	252·1	*252·3*	+3·2	42	..
207	Valdez	65 30	150 15	114	..	..	..	252·0	268·0	12th	245·2	231·9	26,27,28	248·6	..	+0·4	22	+ 4
208	Eagle															+0·5	16	- 1
209	Dawson	61 7	148 16	122	..	..	..	271·3	275·2	16th	261·7	254·7	31st	266·5	..	..	..	..
210	Carcross	64 46	141 12	248	990·1	1023·7	+ 7·3	250·8	266·9	17th	241·9	221·3	27th	246·4	*246·6*	-2·3	90	..
210a	Mayo Landing	64 4	139 29	324	983·5	1029·1	+11·2	246·9	263·6	17th	239·1	226·3	28th	243·0	*243·1*	-6·0	21	+ 9
211	Fort Good Hope	66 11	134 34	662	..	..	..	..	..	..	..	..	..	..	..	..	39	+14
212	§Fort Simpson	63 35	135 51	?579	980·6	1041·0	..	..	..	..	236·9	223·0	29th	..	..	..	..	..
		66 25	128 53	65·2	1018·7	1028·2	+ 8·2	245·4	259·1	9th,13th	232·9	225·2	26th	239·1	..	..	24	..
213	Hay River	61 52	121 35	129	1006·6	1024·9	+ 7·3	250·3	265·2	9th	240·3	227·4	30th	245·3	..	-4·7	3	-17
		60 51	115 20	161	1001·2	1023·5	+ 7·3	254·7	271·3	17th	241·9	228·0	30th	248·3	..	-2·9	..	..
226	Jacobshavn															-3·5	6	-13
226	Godthaab	69 13	51 2	31·6	1001·9	1006·0	+ 2·2	269·1	282·1	12th	263·0	254·4	2nd	266·1	*266·5*	+6·5	15	+ 2
227	Ivigtut	64 11	51 43	20·4	..	..	..	273·9	282·0	12th	265·9	258·6	7th	269·9	*269·9*	+3·8	16	-24
229	Angmagsalik	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		65 37	37 33	29·3	1005·1	1008·8	+ 9·7	272·7	277·6	31st	266·0	256·8	24th	269·3	*269·5*	+3·3	48	-24
231	Stykkisholm																	
232	Vestmanno	65 5	22 46	25	..	1010·8	+12·0	276·1	281·4	29th	271·3	264·4	24th	273·7	*273·7*	+2·0	106	+41
233	Grimsey	63 24	20 17	132	..	1010·2	+13·2	278·2	281·5	11th	273·9	265·2	26th	276·1	*276·2*	+2·6	120	-19
234	Teigarhorn	66 33	18 1	22·0	..	1012·8	+12·0	275·8	280·6	28th	272·3	265·7	24th	274·1	*273·8*	+2·1	1	-18
235	Hjörvig	64 41	14 22	18·0	..	1015·5	+15·6	275·8	281·2	3rd	272·3	262·2	26th	274·1	*274·1*	+1·6	87	-50
236	Lerwick	62 3	6 45	22·9	1015·5	1018·3	+16·3	278·4	282·8	2nd	274·5	267·9	26th	276·5	*276·9*	+0·2	50	-122
		60 8	W. 1 11	18·0	..	1018·5	+14·3	277·6	281·3	6th,7th	275·7	270·8	28th	276·6	*276·7*	-0·9	40	-82
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1016·3	1022·0	+14·3	273·6	282·5	6th	269·6	263·3	17th	271·6	*271·8*	-3·6	4	-177
238	Aalesund	62 28	6 10	6·3	1020·9	1021·7	+15·1	..	280·4	5th	271·3	266·7	16th	..	*273·7*	-2·3	34	-92
239	Trondhjem	63 26	10 25	59·2	1014·6	1022·3	+15·5	270·6	277·2	29th	265·6	255·1	18th	268·1	*268·5*	-2·1	43	-23
240	Bodö	67 17	14 24	22·3	1015·6	1018·4	+13·5	..	281·4	2nd	269·7	262·6	18th	..	*271·9*	+0·4	49	-29
241	Haparanda	65 50	24 9	9·2	1018·6	1019·8	+ 9·9	267·3	273·0	3rd,30th	258·3	247·0	28th	262·8	*263·1*	-0·3	10	-25
242a	Halsingfors	60 10	24 57	11·7	1019·2	1020·7	+ 8·5	269·1	273·6	12th	263·4	253·0	26th	266·3	*266·4*	-2·7	37	-14
	Kuopio	62 55	27 40	233	990·8	1021·2	+ 9·3	265·3	271·4	12th	259·8	250·0	28th	262·5	*262·9*	-2·6	17	-30
243	Kola	68 53	33 0	6·7	1014·8	1015·7	+ 7·2	268·3	274·0	1st,11th	261·6	247·9	23rd	264·9	*265·3*	+2·8	21	+ 4
244	Petrozavodsk	61 47	34 23	79·0	1008·7	1019·1	+ 5·9	268·0	273·8	1st	260·3	251·7	29th	263·1	*263·4*	-1·4	28	- 6
245	Arkhangelsk	64 34	40 31	6·3	1015·4	1016·2	+ 5·1	266·2	272·8	1st	259·0	246·1	30th	262·6	*262·8*	+1·1	44	+20
246	Mezen	65 50	44 16	14·9	1012·8	1014·7	+ 4·2	263·8	272·0	1st	256·5	235·9	30th	260·1	*260·0*	-0·5	19	+ 5
247	Oust-Tsylma	65 25	52 18	68	1004·7	1013·8	+ 0·8	261·7	271·8	1st	255·1	239·8	17th	258·4	*258·4*	+0·2	16	- 6
248	§Chardyn	60 24	56 31	?208	991·0	1019·0	+ 1·8	257·5	270·3	1st	250·4	239·4	20th	254·0	*254·0*	-3·2	19	-20
249	Berezov	63 56	65 4	46	1011·0	1017·4	- 1·0	253·2	268·0	1st	245·4	228·7	14th	249·3	*249·5*	-3·4	18	+ 3
250	Obdorsk	66 31	66 36	35·2	1012·2	1017·1	+ 0·8	253·6	270·6	3rd	245·0	229·4	14th	249·3	*249·3*	-1·7	10	- 2
251	New Port	67 42	72 57	3·3	..	..	..	251·7	272·6	6th	243·3	230·2	16th	247·5	*247·3*	..	5	..
252	Sourgout	61 15	73 24	40	1013·8	1019·4	+ 0·1	..	..	..	..	..	..	..	*246·6*	-5·9	18	- 3
253	Boudinka	69 23	86 4	? 20·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Petropavlovskoe	60 25	134 28	?163	997·0	1021·2	..	..	..	..	230·8	222·7	23rd	..	*234·4*	..	17	..
268	Maiakhan	61 55	158 59	29·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	? 17	..	..	..	..	273·3	6th	..	241·6	21st	..	*259·0*	+7·0	22	+13
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 105 and 106.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	277·3	280·8	7th	272·8	267·4	2nd	275·1	..	..	120	
302	St. Paul Island	57 15	170 10	12·2	..	1003·4	0·0	274·0	278·0	8th	270·6	263·6	1st,21st	272·3	..	+1·8	42	
303	Dutch Harbor (Radio)	53 55	166 30	4·0	1003·2	1003·7	+ 3·4	279·2	284·1	8th	272·4	267·4	22nd	275·8	*275·6*	+2·6	..	
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	
305	∮Dillingham	59 0	158 28	24·4	..	..	..	271·4	281·9	8th	283·5	256·3	22,24,28	267·5	..	+2·7	97	
306	∮Kodiak (Radio)	57 47	152 22	4·6	1006·6	1007·4	+ 8·3	276·4	280·2	10th	270·9	264·1	24th	273·7	*273·9*	+1·0	‡121	
309	Sitka	57 3	135 19	19·8	..	..	..	276·3	280·2	3,18,22	268·7	261·9	9,13,31	272·5	..	-2·4	257	
310	Prince Rupert	54 18	130 18	51·8	1009·3	1015·8	+ 6·3	275·2	283·0	1st	270·8	263·6	29th	273·0	*273·3*	-2·1	235	
311	Barkerville	53 2	121 35	1274	865·2	1020·9	+ 5·1	263·0	274·7	2nd,4th	256·9	240·2	31st	259·9	*259·9*	-6·3	132	
312	Kamloops	50 41	120 29	385	978·1	1028·1	+ 3·2	265·6	277·4	2nd	260·4	241·3	31st	263·0	*263·2*	-7·2	89	
313	Calgary	51 2	114 2	1045	893·2	1025·0	+ 7·8	261·9	282·4	4th	251·9	237·4	31st	256·9	*256·7*	-9·1	33	
314	Fort Chipewyan	58 42	111 10	218	..	..	..	251·3	272·4	18th	245·2	233·0	30th	248·3	*248·2*	-5·9	5	
315	Prince Albert	53 10	105 38	442	966·1	1026·0	+ 4·9	255·8	273·6	4th	245·2	235·2	8th	250·5	*250·2*	-7·9	13	
316	Qu'Appelle	50 30	103 47	645	939·1	1024·4	+ 5·8	256·3	274·7	4th	248·0	237·4	7th	252·2	*251·8*	-7·9	8	
317	Minnedosa	50 15	99 50	515	956·3	1025·4	+ 6·2	256·4	272·4	4th	246·2	238·7	2nd	251·3	*250·8*	-8·4	4	
318	Berens River	52 18	97 23	216	..	..	..	251·3	262·4	22nd	244·8	237·4	15th	248·1	..	-8·6	20	
318a	Port Nelson	57 0	92 51	14·9	1016·2	1018·2	+ 2·3	248·6	261·3	19th,20th	243·6	234·1	8th	246·1	..	-4·0	12	
319	Pagwa	50 3	85 18	189	..	..	..	265·5	278·6	25th	249·9	234·7	1st	257·7	..	-1·1	81	
320	Moose Factory	51 14	80 30	9·1	1012·2	1013·4	- 2·2	260·8	275·2	29th	250·2	237·4	7th	255·5	..	-2·5	46	
321	Fort George	53 50	79 5	97·5	..	..	..	262·2	272·4	17th,19th	252·7	242·4	8th,9th	257·4	..	-0·3	..	
322	Mistassini Post	50 15	73 55	383	..	..	..	260·4	271·9	20th	255·9	243·6	28th	258·2	..	+1·3	139	
324	Natashquan	50 8	61 48	6·1	..	..	..	263·5	276·3	15th	250·3	241·9	8th	256·9	..	-5·8	25	
326	Belle Isle	51 53	55 23	130	989·8	1006·9	- 0·2	269·9	278·0	1st	263·5	251·9	8th	266·7	*266·7*	+3·6	..	
331	55°-50°N. 30°-25°W.	††51 3	††27 30	‡	..	..	..	..	..	Sea Temp.	..	..	..	..	..	..	..	
333	53°-48°N. 20°-15°W.	††49 18	††16 51	§(20)	..	992·1	..	..	..	284·9	+0·4	..	..	..	..	..	..	
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	283·5	..	..	
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1004·7	1006·3	- 4·4	281·1	284·5	22nd	277·8	270·5	30th	279·5	279·6	-0·9	162	
335	Aberdeen	57 10	W. 2 6	26·0	1014·2	1017·5	+10·5	277·3	282·0	6th	273·9	264·5	18th	275·6	275·8	-0·9	62	
336	Greenwich	51 28	0 0	46·3	..	1012·7	- 1·3	277·2	285·2	6th,22nd	273·1	265·2	19th	275·1	275·3	-2·4	86	
337	Uccle	50 48	E. 4 22	100	1001·0	1013·6	- 3·1	275·5	287·3	6th	270·1	258·3	18th	272·8	272·5	-3·2	92	
338	De Bilt	52 6	5 11	3·0	1014·4	1014·8	+ 0·2	274·5	282·7	7th	269·0	258·7	19th	271·7	271·8	-3·8	65	
338a	Hamburg	53 33	9 58	40·3	1013·4	1018·6	+ 5·1	273·0	282·0	23rd	268·7	258·4	21st	270·9	*270·9*	-3·4	39	
339	‡Copenhagen (Meteor.Inst.)	55 41	12 36	5·0	1019·4	1020·0	+ 6·7	272·5	277·0	1st	268·9	259·9	29th	270·7	*270·9*	-3·0	25	
340	Potsdam	52 23	13 4	84·9	1007·3	1018·2	+ 2·8	271·6	280·7	24th	266·9	253·0	21st	269·3	269·3	-4·2	22	
340a	Uppsala	59 51	17 38	24	1018·9	1022·0	+10·8	266·6	274·4	29th	263·3	248·1	26th	265·9	265·9	-3·5	30	
341	Warsaw	52 13	21 3	89·9	1009·1	1020·7	+ 3·1	269·4	277·1	24th	264·3	253·9	20th	266·9	*267·2*	..	4	
342	Tartu (Ülikooli)	58 23	26 43	80·8	1010·4	1021·0	+ 8·0	267·5	273·0	25th	261·8	253·2	18th	264·8	265·0	-3·1	28	
343	Leningrad	59 56	30 16	8·6	1019·0	1020·1	+ 7·2	267·8	274·4	1st	261·8	253·2	18th	264·8	*265·0*	-2·2	25	
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	19	
344a	Moscow	55 50	37 33	167	998·4	1020·4	+ 2·8	264·5	273·2	1st	258·1	243·2	20th	261·3	*261·3*	-3·7	37	
345	Saratov	51 32	46 2	127	1003·5	1020·4	- 1·1	262·7	271·9	15th	256·7	247·5	13th	259·7	*259·9*	-3·3	13	
346	Kazan	55 47	49 8	79·9	1009·2	1019·9	- 1·2	261·5	267·9	16th	256·0	244·3	20th	258·7	*259·0*	-3·7	13	
347	Orenburg	51 45	55 6	109	1007·1	1021·7	- 4·5	261·6	269·2	16th	253·3	242·3	11th	257·5	*257·7*	-3·9	13	
348	Perm	58 1	56 16	163	998·4	1020·4	- 0·8	258·5	268·5	1st	251·9	237·4	20th	255·2	*255·2*	-4·8	20	
349	Sverdlovsk	56 50	60 38	281	982·6	1020·2	- 1·1	258·6	267·2	29th	251·6	238·3	20th	255·1	*255·0*	-5·3	18	
350	∮Tobolsk	58 12	68 14	108	1007·5	1022·3	+ 0·5	..	..	..	248·4	235·0	20th	..	*252·2*	-4·8	9	
351	∮Akmolinsk	51 12	71 23	353	979·1	1025·7	- 3·9	262·1	270·5	22nd	252·9	239·7	11th	257·5	*257·9*	-1·1	30	
352	∮Omsk	55 1	73 19	108	1008·7	1023·4	- 1·1	259·0	268·1	8th	249·7	235·9	11th	254·3	*254·3*	-2·5	12	
353	Barnaoul	53 20	83 48	158	1006·7	1028·0	- 1·2	262·3	272·3	23rd	250·8	235·8	22nd	256·5	*256·9*	-1·4	61	
354	Tomsk	56 30	84 58	122	1009·5	1026·1	- 0·1	260·4	269·1	25th	251·0	231·0	21st	255·7	*255·1*	-1·0	43	
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	
362	Blagovyeshchensk (Bureau Météor.)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1003·6	1009·3	- 3·5	256·6	264·0	9th	249·8	239·2	24th	253·2	*253·6*	+0·9	..	
366	Okhotsk	59 21	143 17	5·5	1002·2	1002·9	- 9·4	259·3	271·5	28th	252·3	246·6	4th	255·8	*255·8*	+4·0	15	
368	Petropavlovsk (Phare)	52 53	158 43	87·1	980·8	991·7	-11·2	..	..	..	266·7	263·0	8th	..	*268·8*	+3·5	115	
369	Kluchevskoye	56 21	160 48	? 30	992·4	996·2	..	..	..	..	260·3	246·2	9th	..	*264·1*	..	68	
370	Nikolskoe	55 12	165 59	6·8	..	..	..	274·9	277·0	28th	270·1	263·2	18th	272·5	..	..	51	
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 25
††Mean latitude and longitude of the observations. ∮Number of observations. ∮Change of normals, see pages 106 and 1

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1009·5	1018·3	+ 1·6	277·8	285·1	1st	273·7	264·3	30th	275·7	275·7	-2·4	79	-67
412	Portland, Oregon	45 32	122 41	46·6	1014·2	1020·3	+ 0·7	278·8	288·0	2nd	273·7	263·0	31st	276·2	*276·2*	-1·8	86	-88
413	Macleod																	
414	Helena	49 44	113 24	953	..	..	..	284·5	279·7	5th	254·2	233·6	31st	259·3	*259·3*	-9·4	11	- 3
414a	Salt Lake City	46 34	112 4	1253	872·9	1022·3	- 0·4	285·9	286·9	2nd	257·4	239·7	31st	261·7	*261·9*	-7·2	22	+ 2
415	Cheyenne	40 46	111 54	1329	868·4	1020·3	- 1·7	274·4	284·7	2nd	266·9	260·2	18th	270·7	*270·8*	-2·1	49	+14
416	North Platte	41 8	104 48	1856	808·3	1018·3	- 2·4	273·6	282·4	5th	260·6	244·7	31st	267·1	*267·3*	-3·7	12	0
416a	Bismarck	41 8	100 45	860	917·3	1021·7	- 0·4	273·6	285·8	12th	258·4	247·4	8th	266·0	*265·2*	-4·1	10	- 4
417	Winnipeg	46 47	100 38	510	958·8	1024·0	+ 2·6	259·1	275·8	5th	248·7	238·6	19th	253·9	*254·2*	-10·2	30	+15
418	Duluth	49 53	97 7	232	992·1	1023·5	+ 4·8	257·4	267·9	5th	249·9	239·7	9th	253·7	*253·8*	-4·7	17	- 7
419	Port Arthur	48 27	89 12	196	993·0	1018·8	+ 1·6	264·7	276·3	28th	255·2	244·1	9th	259·9	*259·5*	-3·0	24	+ 3
420	Chicago	41 47	87 35	205	993·7	1019·3	+ 0·7	274·3	284·1	12th	266·1	254·7	31st	270·2	*270·1*	-1·9	70	+17
421	Toronto	43 40	79 24	116	1002·7	1017·4	- 0·2	274·8	284·4	13th	268·2	260·1	24th	271·5	271·5	+1·2	74	+11
422	New York (Central Park)	40 47	73 58	47·4	1011·9	1017·9	- 0·5	279·3	293·0	1st	271·9	263·6	24th	275·6	275·4	+1·1	102	+14
423	St. John, N.B.	45 17	66 4	36·3	1008·1	1012·7	- 1·5	274·2	285·3	8th	267·1	257·4	4th	270·7	270·6	+1·9	126	+20
424	S.W.Point, Anticosti	49 24	63 33	9·1	1011·5	1012·7	+ 1·8	271·3	278·0	20th,21st	264·7	257·4	10th	268·0	*268·3*	+1·6	56	- 2
424a	Sable Island,(Main Station)	43 57	60 6	7·6	1010·6	1011·5	- 2·0	278·6	285·8	1st,3rd	274·1	266·9	10th	276·3	*276·1*	+1·5	109	-27
425	Port aux Basques	47 35	59 10	9·1	1008·1	1009·3	- 0·6	274·4	282·2	1st	268·4	262·2	14th	271·4	*271·4*	+0·6	132	- 3
426	St. John's, Newfoundland	47 34	52 42	74·1	998·7	1006·0	- 2·6	274·3	283·0	3rd	268·4	260·8	30th	271·3	*271·3*	0·0	69	-68
435	Madrid	40 24	3 41	667	932·8	1011·7	-10·1	281·9	288·4	22nd	276·1	271·5	3rd	279·0	*278·6*	+0·8	128	+87
436	Nantes	47 15	W. 1 34	36·5	1004·8	1009·3	- 7·6	279·2	287·1	22nd	274·9	263·9	18th	277·0	277·0	-1·3	81	-14
437	Paris (Parc St. Maur)	48 49	E. 2 30	50·3	1006·0	1012·3	- 4·6	277·2	286·6	5th	272·1	261·4	18th,19th	274·7	274·7	-1·7	57	+15
438	Marseille	43 18	5 23	75	..	1009·0	- 6·7	285·5	291·5	6th	277·7	264·3	18th	281·6	*280·9*	+0·3	190	+137
438a	Zürich	47 23	8 33	493	954·3	1014·7	- 5·0	274·5	285·2	23rd	270·7	255·9	18th	272·6	272·5	+0·5	33	-43
439	Rome	41 54	12 27	45·5	1004·0	1009·3	- 6·6	286·5	292·0	1st	278·7	268·0	19th	282·6	*282·8*	+1·6	186	+68
440	Vienna	48 15	16 22	203	992·6	1018·4	- 0·4	271·4	279·6	25th	267·8	253·4	21st	269·6	269·6	-3·6	31	-16
440a	Budapest	47 31	19 1	130	1002·0	1018·6	- 0·2	272·1	279·2	6th	267·7	253·9	22nd	269·9	269·8	-3·5	47	- 7
442	∮Sofia	42 42	23 20	550	950·9	1018·7	- 2·6	274·1	280·9	14th	268·8	252·3	22nd	271·5	*271·2*	-1·9	60	+27
442	Bucharest	44 25	26 6	82	1009·8	1020·4	- 0·6	270·8	276·2	17th	265·8	246·6	22nd	268·3	268·0	-4·4	53	+13
443	Odessa (Observatory)																	
444	Kharkiv (University)	46 26	30 46	42·8	1014·7	1020·2	+ 0·1	..	280·8	17th	..	257·2	22nd,23rd	..	*268·4*	-4·6	40	+10
444a	Novorossiisk	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	
445	Tiflis	44 44	37 49	37·1	1013·4	1018·1	- 1·2	277·5	288·0	19th	270·1	261·5	11th	273·8	*273·6*	-4·5	151	+59
446	Astrakhan	41 43	44 48	404	970·7	1020·2	- 3·2	279·1	287·5	19th	272·3	264·8	10th	275·7	*275·3*	-0·5	18	- 4
447	Fort Alexandrovsk	46 21	48 2	- 20·0	1023·9	1021·4	- 2·4	268·1	275·5	17th	262·1	250·5	11th	265·1	*265·5*	-4·5	9	- 5
448	Krasnovodsk	44 31	50 7	- 23·0	1023·5	1020·8	- 1·4	272·8	281·1	20th	267·8	255·0	11th	270·3	*270·3*	-2·4	8	- 5
449		40 0	52 59	- 4·6	1019·2	1018·4	- 3·8	279·3	285·7	20th	274·8	272·0	25th	277·0	*276·7*	-2·5	27	+13
450	Kazalinsk																	
451	Tashkent	45 46	62 7	66·7	..	..	..	..	..	..	..	..	..	..	..	..	..	
452	Narynskoe	41 20	69 18	478	963·9	1022·3	- 3·7	280·4	290·2	24th	272·9	265·7	10th	276·7	*276·3*	+0·8	78	+41
	Alma Ata	41 26	76 13	2015	..	..	..	..	..	..	253·9	241·1	19th	..	*259·6*	-1·2	17	+ 6
461		43 16	76 53	841	922·4	1025·0	- 3·8	274·5	282·3	22nd	265·6	258·5	12th	270·1	*269·7*	+1·7	35	+ 3
462	Moukden																	
463	Joshin	41 48	123 23	43·8	1020·0	1025·8	- 1·0	268·4	278·3	10th	256·2	243·9	28th	262·3	262·0	-0·8	19	+10
464	Yuki	40 40	129 11	31·9	1015·8	1019·9	- 1·1	275·0	281·9	11th	265·9	258·7	19th	270·5	270·1	+0·5	17	-13
465	Vladivostok	42 20	130 24	63·8	1011·8	1020·1	- 1·4	270·0	278·0	10th	262·3	255·2	19th	266·1	265·9	-0·6	2	-10
466	Ochiai	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	
466a	Memuro	47 20	142 47	27·4	1005·6	1009·2	- 2·3	267·6	275·1	10th	257·7	246·7	20th	262·7	263·1	-0·6	29	-27
	Syana	43 20	145 35	26·7	1005·0	1008·4	- 2·7	275·4	282·1	3rd	268·2	261·9	27th	271·8	272·0	+0·5	36	-22
		45 14	147 53	39·3	1000·6	1005·6	- 3·2	273·6	281·3	3rd	268·4	264·0	27th	271·0	271·0	+0·3	130	+22
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
508	35°-30°N. 145°-140°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
511	San Francisco	37 48	122 26	47·2	1011·8	1017·6	- 2·6	286·8	295·2	3rd	281·2	279·1	19th	284·0	*283·9*	+0·7	100	-16
512	San Luis Obispo	35 18	120 39	61·3	..	..	..	..	..	..	..	..	..	..	..	..	..	
512a	Sacramento	38 35	121 30	21·0	1015·7	1018·3	- 2·2	285·1	293·0	3rd	276·3	271·3	17th	280·7	*282·0*	-0·2	39	-57
513	San Diego	32 43	117 10	26·5	1013·6	1018·9	- 1·1	290·7	298·6	2nd	282·0	277·4	19th	286·3	*286·1*	+0·2	116	+70
514	Modena	37 48	113 54	1668	832·9	1020·0	- 2·0	274·1	285·8	2nd	260·6	249·1	14th	267·3	*267·2*	-2·8	23	+ 7
515	Santa Fé	35 41	105 57	2138	784·5	1018·9	- 2·0	275·5	283·0	3rd	264·9	258·0	18th	270·2	*270·1*	-1·7	11	- 8
517	Denver	39 45	105 0	1613	834·4	1018·6	- 1·8	276·4	287·4	2nd	262·8	248·6	7th	269·6	*269·5*	-3·2	6	-12
518	Abilene	32 23	99 40	530	958·2	1021·0	+ 0·8	284·1	293·6	12th	273·1	261·9	31st	278·6	*278·2*	-1·9	14	-16
	Saint Louis	38 38	90 12	173	999·8	1021·0	+ 1·0	278·2	290·2	13th	268·3	254·7	31st	273·2	*273·0*	-1·8	59	- 5
519	Mobile	30 41	88 2	17·4	1019·0	1021·3	+ 0·4	288·4	297·4	15th	279·1	268·6	20th	283·8	*283·6*	-0·4	126	+ 2
520	Nashville	36 10	86 47	186	1001·9	1022·3	+ 1·0	282·5	298·9	13th	272·5	259·7	31st	277·5	*277·6*	-0·6	68	-32
521	Charleston	32 47	79 56	14·6	1018·8	1020·3	- 0·2	288·1	298·6	13th	278·7	269·7	20th	283·4	*283·9*	-0·2	30	-43
522	Washington	38 54	77 3	34·1	1015·1	1019·3	- 0·8	281·2	294·1	1st	272·7	264·1	19th	276·9	*276·8*	+1·5	89	+ 7
524	Bermuda	32 17	64 46	46·0	1013·2	1018·7	- 0·2	294·7	298·9	1st	287·8	282·3	27th	291·3	*291·2*	-0·1	111	- 9
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see pages 107 and 108.

DECEMBER - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]
530	Santa Cruz (Flores)	39 27	31 9	40	1004·8	1009·5	-10·1	290·3	293·7	2nd	285·3	279·1	14th	287·8	288·2	-0·6	278	[illegible]
531	Horta	38 32	28 38	65	1003·6	1011·4	- 8·9	289·6	291·1	2,7,21	286·1	282·2	13th	287·9	287·9	-0·7	71	[illegible]
532	Ponta Delgada	37 44	25 40	22	1010·3	1012·8	- 8·3	289·9	291·4	20th,21st	286·7	282·9	13th	288·3	288·5	0·0	..	[illegible]
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	139	[illegible]
533	Madeira (Funchal)	32 38	16 55	25	1014·8	1017·8	- 3·8	293·0	294·8	6th	289·8	287·7	3rd	291·4	*291·4*	+2·2	162	[illegible]
535	Lisbon	38 43	9 9	95	1011·1	1012·7	- 7·2	286·9	290·4	19th	283·0	278·0	27th	284·9	284·9	+1·0	43	[illegible]
535a	Melilla	35 17	2 59	40	1008·9	1013·7	..	291·3	297·3	18th	284·8	279·7	28th	288·0	*287·9*	+0·3	61	[illegible]
536	⌀Gibraltar	36 6	5 21	16·2	..	1013·8	- 6·5	289·2	292·4	15th,18th	284·1	279·7	28th	286·7	*286·6*	+0·4	365	[illegible]
536a	Colomb-Béchar	31 36	W. 2 4	769	929·0	1015·6	..	290·1	295·0	20th	276·2	272·0	16th	283·2	*282·3*	..	3	[illegible]
537	Palma	39 34	E. 2 39	23	1006·6	1009·4	- 8·8	289·6	295·2	23rd	280·4	274·4	29th	285·0	*284·2*	+0·4	30	[illegible]
538	⌀Algiers (Bouzaréah)	36 48	3 2	342	971·0	1011·1	- 7·6	287·4	292·1	11th	282·4	274·8	28th	284·9	285·2	+1·2	123	[illegible]
538a	⌀Gadames	30 9	9 30	351	..	..	..	292·2	297·0	26th	278·8	274·1	22nd	285·5	..	+0·4	0	[illegible]
539	Tunis	36 48	10 10	75	1002·9	1011·9	..	288·9	293·1	22nd	282·2	278·1	29th	285·6	*285·3*	+1·0	91	[illegible]
539a	Malta	35 54	14 31	56·4	..	1011·2	- 4·7	290·4	293·3	3rd	286·4	281·9	19th.20th	288·4	*287·9*	+1·0	170	[illegible]
540	Riposto	37 41	15 14	14·2	..	1011·4	- 6·3	289·4	292·0	6,13,24	281·6	277·0	19th	285·5	*285·0*	-0·4	384	[illegible]
541	Athens	37 58	23 43	107	1001·3	1014·2	- 2·9	288·6	293·2	3rd	282·4	272·0	20th	285·5	285·3	+1·8	72	[illegible]
542	Alexandria	31 12	29 53	32·0	1013·2	1017·1	- 0·8	294·6	299·7	9th	286·5	283·5	26th,27th	290·6	*290·2*	+1·1	29	[illegible]
543	Ankara (Angora)	39 58	32 48	861	916·8	1019·6	- 1·6	278·0	286·0	18th	270·1	260·6	6th	274·0	*274·1*	..	74	[illegible]
543a	⌀Nicosia (P.W.D.)	35 9	33 22	159	997·8	1016·7	- 0·7	290·5	294·7	19th	280·4	274·7	6th	285·4	..	+0·5	21	[illegible]
544	Beirut	33 54	35 28	33·7	..	1017·2	- 0·5	290·9	294·0	30th	286·1	282·1	7th	288·5	*288·5*	+0·2	57	[illegible]
545	Hinaidi	33 17	44 29	32·3	..	1019·8	- 0·4	289·4	294·1	26,30,31	275·2	269·1	7th	282·3	*282·7*	-1·6	6	[illegible]
546	Lenkoran	38 46	48 51	- 20·0	1021·8	1019·2	- 3·2	..	293·2	20th	273·9	269·2	10th	..	*277·0*	-2·4	67	[illegible]
547	Tehran	35 41	51 25	1220	..	..	..	281·9	287·9	22nd	273·7	268·2	3rd	277·8	*277·3*	-1·0	48	[illegible]
548	Meshed	36 17	59 38	946	878·6	..	..	282·2	291·6	21st	273·3	269·2	30th	277·8	..	+1·1	33	[illegible]
549	Seistan	31 0	61 30	610	..	..	..	289·9	298·9	2nd	277·8	271·9	5th	283·9	..	+2·3	34	[illegible]
550	Quetta	30 11	67 3	1677	836·6	..	0·0	286·4	293·3	3rd	271·6	266·1	5th	279·0	*278·5*	+0·3	28	[illegible]
551	Peshawar	34 2	71 37	339	980·7	1021·8	+ 0·2	291·6	298·0	2nd	279·3	274·7	27th,28th	285·4	*284·2*	+0·7	40	[illegible]
551a	Lahore	31 34	74 20	214	993·4	1019·3	0·0	294·7	300·2	2nd	281·1	276·3	17th	287·9	*286·7*	+1·2	44	[illegible]
552	Simla	31 7	77 8	2204	783·9	..	+ 1·1	284·5	287·8	10th	279·1	274·6	31st	281·8	*281·3*	+1·1	11	[illegible]
552a	Leh	34 10	77 42	3503	668·6	..	+ 2·1	276·6	281·6	1st	264·4	259·3	25th	270·5	*269·4*	+1·7	2	[illegible]
559	⌀Hankow	30 35	114 17	37·0	1021·1	1025·7	- 2·4	285·8	293·9	12th	276·9	271·3	19th	281·3	*280·8*	+1·8	13	[illegible]
560	⌀Tientsin	39 10	117 10	5·0	1025·9	1026·5	- 1·7	277·3	283·7	12th	266·7	261·8	28th	272·0	*271·6*	+0·8	3	[illegible]
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1024·2	- 1·7	286·1	296·3	13th	276·0	266·0	30th	281·0	280·3	+1·7	10	[illegible]
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1014·7	1023·3	- 1·4	275·4	285·3	13th	267·7	258·8	30th	271·5	271·5	-0·6	39	[illegible]
562a	Nagasaki	32 44	129 52	133	1004·3	1020·5	- 1·5	286·2	293·9	5th	278·2	272·3	24th	282·2	281·7	+1·0	90	[illegible]
563	Kyoto	35 1	135 44	42·9	1013·1	1018·4	- 1·1	284·9	293·1	5th	274·2	269·2	30th	279·5	278·8	+1·4	37	[illegible]
564	Tokyo	35 41	139 46	5·8	1014·3	1015·0	- 1·4	283·7	292·9	15th	273·8	267·9	31st	278·7	278·5	+0·3	26	[illegible]
565	⌀Hukusima	37 45	140 24	62·0	1006·8	1014·6	- 1·9	280·8	289·4	5th	271·0	267·4	20th	275·9	275·4	-0·6	27	[illegible]
566	Miyako	39 38	141 59	30·4	1008·9	1012·7	- 1·9	281·3	290·6	2nd	270·2	263·7	20th	275·7	275·0	-0·2	71	[illegible]
		N.	E.															

DECEMBER - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1016·7	1017·3	+ 1·2	295·8	298·6	1st	288·7	284·7	28th	292·3	*291·8*	0·0	66	[illegible]
605	Honolulu	21 19	157 52	11·6	1012·8	1014·2	- 1·9	298·2	299·7	6th	292·7	289·1	31st	295·4	*295·3*	0·0	424	[illegible]
613	Guaymas	27 55	110 53	8·3	1014·9	1016·0	..	294·4	302·5	2nd	285·9	283·0	27th	290·1	*290·5*	-1·4	31	[illegible]
615	Chihuahua	28 38	106 4	1423	858·8	1018·1	- 1·1	286·3	294·0	9th	274·5	267·0	20th	280·4	*280·9*	-1·4	22	[illegible]
616	Leon	21 7	101 41	1809	821·7	1013·5	- 0·8	296·1	300·0	11th	281·4	277·4	3rd	288·8	*287·7*	+0·7	20	[illegible]
616a	Monterry	25 40	100 18	528	957·4	1019·3	+ 1·2	289·4	302·0	30th	280·9	272·4	8th	285·2	*285·2*	-2·6	26	[illegible]
617	⌀Tulancingo	20 5	98 22	2181	790·0	1013·7	- 0·4	295·5	301·0	15th	279·3	272·4	3rd	287·4	*286·0*	+1·0	0	[illegible]
618	Galveston	29 18	94 50	16·5	1019·6	1021·7	+ 1·5	287·8	295·8	13th	281·2	271·3	8th	284·5	*284·7*	-2·1	157	[illegible]
618a	New Orleans	29 57	90 4	16·2	1019·4	1021·3	+ 1·0	289·7	300·8	4th	280·9	270·8	9th	285·3	*285·1*	-0·7	108	[illegible]
619	⌀Merida, Yuc.	20 58	89 38	22	1014·0	1016·6	- 0·8	301·3	305·2	18th	292·2	288·0	4th	296·8	*296·0*	+0·5	43	[illegible]
620	Havana	23 7	82 25	77·0	..	1017·4	- 0·7	298·9	303·1	8th	291·6	287·9	23rd	295·3	294·7	..	18	[illegible]
620a	Key West	24 33	81 48	6·7	1017·7	1018·3	- 0·2	297·2	300·8	16th	291·7	286·3	21st	294·4	*293·9*	+0·2	20	[illegible]
621	Nassau, Bahamas	25 5	77 20	9·6	..	1017·8	- 0·8	297·9	301·9	16th	292·2	287·4	24th	295·1	*295·0*	-0·5	0	[illegible]
622	⌀Watling Island	24 6	74 26	33·5	1014·9	1018·8	0·0	..	299·7	8th	..	293·0	21st,27th	..	*296·7*	-1·0	..	[illegible]
633	Port Etienne	20 56	17 3	4	..	..	..	302·4	307·0	22nd	289·7	287·0	30th	296·1	*294·2*	..	..	[illegible]
634a	Izaña	28 19	16 30	2367	767·1	..	- 1·6	281·7	287·8	23rd	275·5	270·4	3rd	278·6	*278·3*	+1·2	129	[illegible]
634	La Laguna	28 28	16 20	547	954·4	1018·2	- 2·6	289·8	293·3	21st	284·2	281·2	14th	287·0	*286·5*	+0·7	94	[illegible]
636	Adrar	27 38	W. 0 4	285	984·9	1018·9	..	295·2	300·3	25th	279·7	274·4	29th	287·5	*287·7*	..	6	[illegible]
638	Laperrine	22 36	E. 5 28	1350	..	..	..	294·0	298·0	3rd	279·8	274·8	28th	286·9	*287·9*	..	12	[illegible]
641	Giarabub	29 45	24 31	49	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
642	Siwa	29 12	25 29	- 23	1020·4	1017·6	..	295·5	300·0	9th	..	..	..	..	..	..	0	[illegible]
643	⌀Cairo (Helwan)	29 52	31 20	116	1003·5	1017·3	- 1·4	295·2	303·4	29th	284·2	279·2	28th	289·7	*289·4*	+1·8	3	[illegible]
643a	Aswan	24 2	32 53	100	1003·6	1015·1	- 1·9	300·9	307·0	10th,29th	286·0	281·3	26th	293·4	*292·5*	+2·7	..	[illegible]
644	Tor	28 14	33 37	1·9	1015·2	1015·5	- 1·2	296·6	301·5	10th	285·1	280·2	27th	290·8	*290·2*	+1·5	7	[illegible]
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics.

⌀Change of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

DECEMBER - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	1016·8	1017·2	..	291·4	297·2	21st	284·9	280·6	3rd	288·1	*287·7*	-1·3	124	+49
648	Jask	25 45	57 45	4·0	1015·3	1015·8	..	298·3	301·3	2nd	291·0	289·2	27th	294·7	*294·3*	+0·5	71	+43
649	Karachi	24 53	66 57	4·0	1017·6	1018·0	- 0·4	299·1	302·7	3rd	289·7	286·6	19th	294·4	*294·0*	+1·0	3	- 1
650	Jacobabad	28 17	68 29	56·7	1012·8	1019·6	+ 0·4	298·7	303·7	2nd	282·2	278·3	5th	290·4	*289·6*	+1·6	0	- 3
651	Jaipur	26 56	75 52	436	968·7	1019·8	+ 0·3	297·4	301·7	3rd	284·3	281·2	20th	290·9	*289·7*	+0·3	42	+37
652	Nagpur	21 8	79 5	310	982·6	1018·7	+ 0·8	300·6	303·4	27th	286·6	283·6	18th	293·6	*293·2*	+0·5	3	-11
653	Allahabad	25 25	81 51	94·2	1007·6	1018·9	+ 0·4	298·1	300·7	3rd	283·7	281·7	29th	290·9	*289·8*	+1·4	1	- 5
653a	Darjeeling	27 3	88 15	2265	779·2	..	+ 1·6	284·7	289·3	9th	278·2	276·1	29th	281·4	*280·9*	+2·3	2	- 4
654	Calcutta	22 36	88 23	6·4	1017·0	1017·8	+ 0·6	299·2	300·6	23rd	287·3	283·8	28th	293·3	*292·7*	+1·2	0	- 5
655	Gauhati	26 8	91 41	59·7	1012·5	1019·6	+ 1·2	296·9	299·4	1st	284·2	281·7	24th	290·5	*289·9*	-0·1	0	- 4
655a	Cherrapunji	25 15	91 42	1313	871·6	..	+ 0·5	290·8	294·3	9th	282·4	280·7	14th	286·6	*285·9*	+1·0	0	- 8
655a	Akyab	20 11	92 56	6·1	1015·4	1018·2	+ 0·8	299·3	301·3	1,7,10	289·2	287·1	26th	294·6	*293·9*	-0·8	0	-19
656	Mandalay	21 59	96 0	76·2	1009·1	1018·1	+ 1·3	300·1	303·9	5th	287·1	284·3	28th	293·6	*292·9*	-1·2	0	-10
656a	Tengyueh	25 2	98 33	1626	839·5	1018·3	..	291·4	294·7	..	274·2	270·8	..	282·8	*281·9*	+0·1	0	-16
657	Phu Lien	20 48	106 38	116	1004·2	1017·8	- 1·2	297·8	302·2	6th	290·0	285·2	8th	293·9	293·0	+2·1	42	+13
658	Moncay	21 31	107 51	9·0	1017·1	1018·2	- 1·3	297·5	303·9	6th	287·6	281·0	9th	292·6	*292·4*	+2·4	39	- 2
659	Hongkong	22 18	114 10	33·2	..	1018·5	- 1·2	294·2	299·6	6th	289·6	282·5	9th	291·9	291·6	+1·5	35	+ 9
661	⌀Taihoku, Formosa	25 2	121 31	9·3	1018·9	1020·0	- 0·9	294·7	302·0	5th	286·5	278·4	10th	290·6	290·1	+0·3	57	-17
661a	⌀Basco	20 28	121 59	18·7	..	1015·0	- 0·1	298·6	301·4	3rd	294·6	291·6	2nd	296·6	296·3	+0·4	270	-61
662	Naha	26 12	127 39	29·5	‡1018·8	‡1019·8	- 0·2	293·4	299·5	6th	288·5	284·2	20th	290·9	291·0	+0·5	180	+75
665	⌀Titizima (Bonin Islands)	27 5	142 11	4·1	1016·7	1017·2	- 0·2	295·3	299·0	9th	290·0	285·2	25th	292·7	292·7	+0·3	53	-78
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

DECEMBER - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	957·4	1013·5	+ 0·4	303·2	306·0	27th,31st	289·5	287·0	21st	296·4	*295·0*	-1·1	35	- 9
716	Morelia	19 42	101 7	1923	810·3	1012·8	- 1·2	293·7	296·2	14th	281·9	279·1	3rd	287·8	*287·4*	+0·7	2	-18
717	⌀Mexico, Tacubaya	19 24	99 12	2309	774·9	..	- 0·6	294·5	297·8	15th	278·2	275·2	16th	286·3	285·8	+0·6	0	- 9
718	⌀Salina Cruz	16 12	95 12	56	1006·1	1012·5	- 0·9	302·2	305·0	13th	294·2	291·5	18th	298·2	*298·6*	+0·3	3	+ 1
719	San Salvador	13 42	89 13	682	937·8	1013·4	+ 0·5	307·1	308·8	13th,19th	289·1	285·4	4th	298·1	*296·2*	+0·8	2	-11
720	⌀Belize	17 31	88 11	5·2	1015·2	1015·8	- 0·3	298·9	300·8	6,17,19	294·4	288·8	5th	296·7	*296·3*	-0·1	145	-45
721	⌀Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·5	+ 0·2	303·3	305·4	10th	293·7	291·7	24th	298·5	*298·3*	+0·1	5	-45
722	Port au Prince	18 33	72 20	37·4	1010·7	1015·0	+ 0·1	303·8	305·7	18th	293·8	290·9	31st	298·8	*297·7*	-0·2	6	-26
723	Caracas	10 30	66 56	1042	897·5	1012·0	- 1·0	295·3	299·0	25th	288·1	285·0	26th	291·7	*291·6*	0·0	38	- 7
724	San Juan, Porto Rico	18 29	66 7	25·0	1011·7	1014·5	- 1·2	300·1	301·9	27th	294·9	291·9	20th	297·5	*297·3*	-0·1	65	-91
724a	Grenada (Richmond Hill)	12 5	61 46	188	989·8	1011·4	- 1·0	302·1	303·6	14,20,30	296·6	294·7	15th	299·3	*298·7*	+0·6	206	+23
725	⌀Barbados	13 8	59 36	55·2	..	1011·9	- 1·3	301·9	303·2	2nd	295·6	291·9	30th	298·8	*298·6*	+0·5	114	+10
731	São Vicente, C.Verde Is.	16 54	25 4	11	1012·7	1013·9	- 0·7	298·4	301·0	16th,17th	294·7	292·0	27th,29th	296·5	*296·8*	+1·1	4	- 3
732	San Tiago, C.Verde Is.	14 54	23 31	34	1009·6	1013·5	- 1·1	300·9	302·0	4th	295·7	294·0	24th	298·3	*298·3*	+1·5	0	- 7
733	Dakar	14 40	17 26	32	1008·1	1011·8	..	300·1	303·8	25th	293·3	290·0	28th	296·7	*296·1*	+0·8	..	..
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	301·9	306·9	20th	293·0	291·3	31st	297·4	*297·4*	+0·3	1	..
735	Niénébalé	12 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	303·1	306·2	11th	286·1	280·0	29th	294·6	*294·5*	-0·3	4	+ 4
737	⌀Sokoto	13 2	E. 5 14	353	..	..	..	307·3	311·3	11th,12th	289·4	283·0	17th	298·3	*297·9*	+1·0	0	0
738	Kaduna Capital	10 32	7 25	?637	..	..	..	304·8	307·4	10,17,22	..	..	..	..	*‡295·7*	-0·1	0	0
739	Hadeija	12 40	10 5	?	..	..	..	305·0	308·0	9,10,11	..	..	..	..	*‡296·9*	+0·6	0	0
740	⌀Maiduguri	11 47	13 11	361	..	..	..	308·1	311·9	1,9,15	289·2	286·3	21st,22nd	298·7	*298·3*	+2·2	0	0
741	El Fasher	13 32	25 18	730	928·3	1010·0	..	..	..	..	286·3	282·0	28th	..	*295·2*	..	0	0
743	El Obeid	13 11	30 14	563	946·8	1009·5	- 3·4	307·5	310·3	18th	289·0	284·5	25th	298·2	*297·2*	+3·4	0	0
743a	⌀Khartoum	15 37	32 33	390	966·3	1009·9	- 2·2	307·1	310·3	3rd	292·1	288·5	25th	299·6	*299·8*	+3·0	0	0
744	Port Sudan	19 37	37 13	5·5	1012·7	1013·2	- 1·0	302·6	304·9	4th	296·2	293·9	8th,25th	299·4	*299·0*	+1·5	84	+54
745	⌀Berbera, Somaliland	10 22	45 2	13·8	1012·7	1014·3	- 0·9	301·9	303·0	19th	295·7	289·7	31st	298·8	*298·6*	+0·6	0	- 2
746	Aden	12 45	45 3	28·7	1011·8	1015·1	- 1·3	302·3	303·7	11th	297·0	293·9	31st	299·7	*299·3*	+1·6	0	- 3
751	Bombay	18 54	72 49	11·3	1013·8	1015·2	- 0·1	301·9	303·6	8th	294·8	290·9	21st	298·3	297·4	+0·1	2	+ 1
752	Kodaikanal	10 14	77 28	2343	772·8	..	+ 0·9	290·0	292·9	23rd	281·4	279·2	2nd	285·7	*285·1*	+0·1	83	-29
752a	Bangalore	12 59	77 38	921	913·8	1015·8	+ 0·9	300·9	302·6	29th	288·6	286·1	27th	294·7	*294·3*	+1·6	1	-11
753	Madras	13 4	80 14	6·7	1014·9	1015·7	+ 0·8	301·9	302·8	2nd	294·2	291·2	31st	298·1	*298·1*	+0·8	59	-88
754	Vizagapatam	17 42	83 19	11·6	1015·8	1017·1	+ 0·8	300·1	301·1	8th	293·1	290·4	9th	296·6	*296·2*	+0·2	0	-19
755	Port Blair	11 40	92 40	18·0	1011·3	1013·3	+ 0·5	301·9	302·9	3rd	298·0	295·2	15th	299·9	*299·5*	-0·2	66	-110
756	Rangoon	16 46	95 48	5·5	1014·8	1015·5	+ 0·7	304·0	305·8	26th,31st	292·1	289·4	19th	298·1	*297·2*	0·0	3	- 6
757	Saigon	10 47	106 42	11	1010·8	1012·0	+ 1·2	303·8	305·1	30th	294·4	292·6	20th	299·1	*298·5*	+0·1	15	-54
758	Nhatrang	12 15	109 12	3·6	1013·1	1013·5	+ 0·6	301·6	303·2	7th	294·3	291·5	11th	298·0	*297·5*	+0·6	33	-185
759	Bolinao	16 23	119 53	2	..	1010·8	+ 1·0	304·0	306·2	6th	294·7	292·5	4th	299·3	*299·2*	-0·2	1	-10
761	⌀Vigan	17 34	120 23	12·2	..	1011·0	+ 0·1	303·3	305·2	5th	295·2	293·0	3rd	299·3	299·2	+0·1	0	- 9
761a	Manila	14 35	120 59	14·2	..	1011·8	+ 0·7	303·9	305·9	7th	294·5	291·6	4th	299·2	298·2	+0·2	51	-10
762	⌀Ormoc	11 0	124 36	5·6	..	1009·2	+ 0·6	305·2	307·0	15th	295·4	292·9	27th	300·3	*299·6*	+0·9	204	+ 8
765	⌀Guam, Ladrone Is.	13 24	144 38	18·6	..	1009·2	+ 0·5	303·0	304·4	19th	298·4	297·2	7th	300·7	*300·7*	+1·1	134	+12
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 110 and 111. • †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111.

⌀Change of normals, see pages 110 and 111.

DECEMBER - ZONE 8.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]
805	Fanning Island	3 54	159 23	5·3	1009·7	1010·3	+ 0·2	305·3	309·1	8th	..	..	..	..	‡303·1	+1·8	142	[illegible]
821	∅Cristobal (Colon)	9 23	79 54	11·0	..	1011·3	+ 0·5	303·2	304·7	13th,20th	297·3	295·2	22nd	300·3	299·7	+0·7	424	[illegible]
822	Bogota	4 36	74 5	2645	745·5	..	..	292·7	295·5	26th	282·4	279·6	10th,17th	287·6	287·0	..	17	[illegible]
822a	Merida, Venez.	8 36	71 9	1641	‡ 841·9	..	+ 0·5	294·4	297·0	21st	286·9	284·9	16th	290·6	289·8	-0·8	232	[illegible]
823	Ciudad Bolivar	8 9	63 33	38	1005·6	1009·9	..	303·9	305·4	7th,17th	296·2	294·7	25th	300·0	299·5	+0·3	3	[illegible]
824	El Peru, Guayanavieja	7 19	61 49	220	983·4	1008·3	- 1·4	300·9	302·7	7th	294·5	292·8	4th	297·7	297·2	0·0	128	[illegible]
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1009·7	- 1·9	302·3	303·8	4th	297·1	294·1	16th	299·7	299·2	+0·2	532	[illegible]
826	Paramaribo	5 49	55 9	3·7	..	1010·2	- 1·9	303·9	306·1	6th	295·2	293·8	23rd	299·5	299·7	+0·4	313	[illegible]
826a	Cayenne	4 56	52 21	6	..	..	..	302·3	303·3	1st	298·8	297·0	24th	300·6	300·0	+0·9	315	[illegible]
831	10°-5°N. 30°-25°W.	†† 7 5	††27 3	§(102-119)	..	1012·0	+ 0·2	..	..	Sea Temp. 300·0 +0·6	..	..	..	..	299·8	+0·6	..	[illegible]
833	Konakri	9 31	13 43	16	..	..	..	304·7	306·0	8th	298·2	297·0	31st	301·5	300·5	+1·3	..	[illegible]
834	Freetown, Sierra Leone	8 29	13 14	68·3	1003·3	1011·2	+ 0·3	304·6	305·8	8,30,31	296·8	294·1	25th	300·7	299·9	+0·3	6	[illegible]
835	Assuantsi	5 18	1 15	101	..	..	..	303·2	304·7	8,23,27	294·6	293·0	2nd,6th	298·9	298·3	+0·3	50	[illegible]
836	Accra	5 33	W. 0 12	16·0	1007·9	1009·7	- 0·5	303·6	305·7	28th	297·3	294·3	6th,30th	300·4	300·0	+0·3	134	[illegible]
837	Lagos	6 27	E. 3 24	3·0	1008·7	1009·1	- 0·9	304·5	305·8	11th	298·3	296·3	18,19,26	301·4	300·7	+0·7	30	[illegible]
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	177	[illegible]
839	Yola	9 12	12 30	259	..	..	..	306·8	309·1	12th	290·4	288·6	20,25,28	298·6	298·1	-0·8	0	[illegible]
841	∅Wau	7 42	28 3	440	..	..	..	..	..	..	292·6	288·5	27th	..	300·1	+2·0	0	[illegible]
843	Malakal (Kodok)	9 35	31 37	394	964·4	1007·9	- 1·6	310·8	312·3	11th	292·8	288·1	25th	301·8	301·1	+3·1	0	[illegible]
843a	∅Mongalla	5 11	31 47	448	957·4	1006·7	- 1·4	310·7	314·6	4th	295·9	293·0	18th	303·3	302·1	+2·9	18	[illegible]
844	∅Entebbe	0 5	32 29	1171	883·3	1009·1	- 0·2	300·0	301·9	3,4,6	290·8	288·6	20th	295·4	294·6	+0·5	136	[illegible]
851	Minicoy	8 17	72 49	2·1	1012·7	1012·9	+ 0·3	303·6	304·4	7th	297·2	295·1	30th	300·4	300·0	..	27	[illegible]
851a	Cochin	9 58	76 21	2·7	1013·4	1013·7	+ 0·8	303·3	305·1	27th	296·7	294·9	31st	300·0	299·6	-0·1	23	[illegible]
852	Colombo Observatory	6 54	79 52	7·3	..	1011·4	+ 1·2	304·1	305·4	5th,17th	295·6	293·3	29th	299·9	299·5	+0·5	92	[illegible]
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	293·1	294·9	[illegible],25,30	283·2	280·2	20th	288·2	287·4	+0·9	118	[illegible]
854	Trincomalee	8 35	81 15	30·2	..	1011·7	+ 1·1	301·6	303·6	11th	297·3	295·8	28th	299·4	299·0	+0·3	211	[illegible]
855	Kuta Raja	5 32	95 20	7·1	..	1009·3	- 0·9	..	..	..	..	..	..	...	..	..	232	[illegible]
856	Medan	3 35	98 41	25·0	..	1010·8	+ 0·4	302·5	303·9	11th	295·4	292·3	4th	298·9	298·4	+0·3	125	[illegible]
857	Penang	5 34	100 20	5·0	1009·1	1009·6	- 0·8	307·1	307·7	8th	295·2	294·1	19th	301·1	300·3	+1·0	113	[illegible]
858	∅Singapore	1 18	103 51	10·9	1009·2	1010·4	+ 0·4	303·2	304·8	16th	296·2	295·2	24th	299·7	299·2	+0·1	298	[illegible]
859	Sandakan	5 50	118 7	31·7	..	..	..	304·1	305·2	6,7,10	296·8	295·8	1,18,30	300·4	299·8	+0·6	413	[illegible]
860	Iwahig	9 44	118 38	14·3	..	1009·2	+ 1·4	304·2	305·7	15th	295·6	293·1	4th	299·9	299·6	+0·9	70	[illegible]
861	Tagbilaran	9 38	123 51	21·3	..	1009·2	+ 0·4	303·8	305·8	19th	296·5	295·2	28th	300·1	299·2	+0·3	188	[illegible]
861a	Menado	1 30	124 50	8·5	..	1009·4	+ 1·0	303·6	304·8	19th	296·1	294·5	30th	299·9	299·4	+0·4	215	[illegible]
862	Surigao	9 48	125 29	6	..	1009·9	+ 0·9	301·5	304·1	5th	296·8	295·0	31st	299·1	298·8	+0·1	769	[illegible]
863	∅Kolonie, Yap	9 29	138 8	29·3	..	1009·2	+ 1·3	302·5	304·5	9th	298·2	296·6	19th,31st	300·3	300·2	+0·3	328	[illegible]
		N.	E.															

DECEMBER - ZONE 9.

BETWEEN LATITUDE 0° AND 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
924	Manaos	3 8	60 1	43·8	..	..	..	305·1	307·4	8th	295·8	293·3	2nd	300·4	300·3	+0·7	147	[illegible]
926	Taperinha	2 30	54 20	21·5	1007·0	1009·2	- 1·0	304·9	308·1	5th	296·5	294·9	4th	300·7	299·6	+1·0	53	[illegible]
927	Turyassu	1 43	45 26	9·1	1008·0	1009·2	- 1·0	307·5	310·2	12th	296·5	294·1	25th	302·0	301·0	+1·0	5	[illegible]
928	Barra do Corda	5 30	45 16	81·0	998·0	1007·4	- 1·6	306·6	309·2	31st	295·5	294·4	6th,16th	301·0	299·7	+0·9	69	[illegible]
929	Quixeramobim	5 16	39 15	207	987·1	1010·2	- 0·3	306·3	307·6	13th	298·9	297·9	22nd	302·6	302·4	+0·9	10	[illegible]
930	Fernando Noronha	3 50	32 25	106	999·2	1011·1	- 0·8	302·2	302·8	sev. dates	297·0	295·6	23rd	299·6	299·0	+0·4	3	[illegible]
930a	5°-10°S. 35°-30°W.	†† 7 24	††33 23	§(49)	..	1011·8	..	..	..	Sea Temp. 299·9 +0·6	..	..	..	..	300·0	..	..	[illegible]
930b	0°-5°S. 35°-30°W.	†† 2 44	††31 33	§(37-38)	..	1012·2	..	..	..	300·0 +0·9	..	..	..	..	299·8	..	..	[illegible]
934	∅Ascension Island	7 55	W. 14 24	16·8	1011·6	1013·5	+ 0·1	301·5	302·4	7,18,29	295·5	293·6	22nd	[illegible]98·5	297·8	+0·3	3	[illegible]
939	Loanda	8 49	E. 13 13	51	..	1010·7	- 0·5	300·5	302·4	5th	295·9	294·7	17th,18th	298·2	297·9	0·0	1	[illegible]
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
943	Masaka	0 20	31 44	?1280	..	..	..	300·7	301·9	2,15,26	288·2	287·4	4,18,29	294·5	295·1	+2·5	89	[illegible]
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	298·6	300·8	19,20,27	287·4	283·0	29th	293·0	..	..	102	[illegible]
944a	Zanzibar	6 10	39 11	17·1	1011·1	1013·0	+ 0·1	302·5	304·1	18th	298·7	295·1	22nd	300·6	300·1	-0·5	318	[illegible]
945	Lamu	2 16	40 50	3·0	..	..	..	303·0	305·2	4th	298·0	295·8	12th	300·5	300·1	+0·2	29	[illegible]
947	Seychelles, Port Office	4 37	55 27	4·6	1011·3	1011·8	+ 0·2	304·2	305·8	12th	296·6	295·0	21st	300·4	299·8	+1·3	269	[illegible]
957	Padang	0 56	100 22	6·7	..	1011·0	+ 0·3	302·6	303·9	9th	297·2	296·0	25th	299·9	299·5	+0·5	286	[illegible]
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	+ 0·4	303·1	304·8	25th	296·8	295·9	21st	300·0	299·4	+0·6	264	[illegible]
958a	∅Pontianak	0 1	109 20	2·6	..	1009·4	- 0·4	303·8	306·0	9th	297·3	296·5	16th	300·5	299·6	+0·6	440	[illegible]
959	Pasuruan	7 38	112 55	5·0	..	1009·5	+ 0·7	305·2	306·4	3rd	297·4	296·1	20th	301·3	300·7	+0·8	37	[illegible]
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	492	[illegible]
962	∅Amboina	3 42	128 10	4·2	..	1008·2	- 0·1	304·1	305·6	30th	297·8	296·6	5th	300·9	300·5	+0·6	42	[illegible]
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	179	[illegible]
965	∅Daru	9 4	143 13	7·6	..	1008·6	- 0·3	305·2	..	..	297·4	..	..	301·3	300·8	+0·6	169	[illegible]
966	∅Port Moresby	9 29	147 9	38·4	..	1008·0	- 0·5	305·4	..	..	..	..	..	..	‡301·9	-0·2	73	[illegible]
967	Rabaul	4 9	152 12	12·5	..	1008·0	+ 0·4	306·3	307·9	4th,10th	296·1	294·9	29th	301·2	300·5	+0·5	332	[illegible]
969	∅Tulagi, Brit.Solomon Is.	9 6	160 10	2·1	..	..	..	?304·8	..	..	?298·1	..	..	?301·4	?301·2	+0·3	..	[illegible]
970	Ocean Island	0 52	169 35	39·6	1003·3	1008·2	- 0·8	304·3	306·9	14,16,17	298·9	296·9	27th	301·6	300·9	+0·6	465	[illegible]
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	[illegible]

*For formulae employed see pages 111,112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111,112 and 113.
††Mean latitude and longitude of the observations. §Number of observations. ∅Change of normals, see pages 111,112 and 113.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

DECEMBER - ZONE 10.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean of A and B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1002	∅Apia, Samoa	13 48	171 46	2	..	1007·7	- 0·4	302·4	304·5	21st	297·3	296·0	5th	299·8	299·9	+0·4	511	+158
1003	∅Alofi, Niue Island	19 2	169 55	27·4	..	1010·4	- 0·6	302·6	304·7	19,20,21	295·8	293·6	2nd,31st	299·2	299·0	0·0	228	- 7
1022	Tacna	18 0	70 18	560	..	..	..	301·3	303·0	sev. dates	286·0	282·0	2nd	293·7	291·1	-1·6	0	- 1
1025	Corumba	18 59	57 39	116	994·3	1007·4	- 0·2	305·8	310·4	12th	294·9	287·8	9th	300·4	299·7	-0·3	193	+25
1026	Cuyaba	15 36	56 6	165	989·0	1007·5	- 0·7	305·2	308·5	25th	295·2	290·4	10th	300·2	298·9	-0·2	306	+101
1027	Bello Horizonte	19 55	43 57	895	911·6	1009·2	- 1·1	302·1	306·2	14th	291·1	288·4	21st,28th	296·6	295·6	+1·4	174	-123
1028	Caetite	14 3	42 37	897	914·0	1012·2	0·0	299·9	304·5	16th	291·1	288·4	2nd	295·5	295·1	-0·6	167	+ 3
1029	Ondina (Bahia)	13 0	38 31	46·6	1005·5	1010·8	- 1·0	301·5	304·4	26th	295·7	294·0	1st	298·6	298·3	-0·3	248	+129
1030	Aracaju	10 55	37 3	6·1	..	..	..	302·3	304·1	23rd	296·7	294·4	31st	299·5	299·0	..	34	..
1030a	15°-20°S. 40°-35°W.	††17 20	††38 5	§(60)	..	1014·2	..	..	..	Sea Temp. 298·8 +0·1	..	..	..	..	299·2	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 31	††36 27	§(47)	..	1013·6	..	..	..	299·7 +0·3	..	..	..	..	300·0	..	..	..
1035	St. Helena	15 57	W. 5 40	579	947·5	1014·4	+ 0·7	292·2	293·6	22,28,31	287·2	286·9	sev. dates	289·7	289·1	+0·2	38	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972	903·9	1008·3	..	304·9	309·7	3rd	292·5	290·3	24th	298·7	..	..	89	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	..	..	..	..	..	..	..	..	..	353	+97
1042	Gwelo	19 26	30 2	1411	..	..	..	302·6	308·6	3rd	288·8	284·7	20th	295·7	..	+1·0	185	+34
1043	Salisbury (Dept. Agric.)	17 48	31 5	1489	852·6	1010·7	+ 0·4	299·2	302·4	28th	288·7	286·3	25th	293·9	292·7	+0·1	120	-35
1044	∅Zomba	15 23	35 18	955	906·0	1009·9	+ 0·5	301·0	307·4	4th	290·7	285·8	22nd	295·8	295·9	0·0	300	+24
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	864·1	1010·8	+ 0·3	300·2	303·2	5th	288·1	285·7	27th	294·1	293·5	+0·7	128	-163
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1013·5	1014·2	+ 1·6	302·5	304·1	29th	297·7	295·2	4th	300·1	299·7	0·0	3	-113
1057	Christmas Island	10 25	105 43	5·5	1008·2	1008·9	+ 1·2	303·3	304·7	sev. dates	296·9	294·7	27th,28th	300·1	299·7	-0·1	187	-39
1061	Kupang	10 10	123 34	45·1	..	1009·6	+ 1·0	303·5	306·1	9th	295·9	295·0	31st	299·7	299·3	-0·8	106	-140
1061a	Derby	17 18	123 40	16·2	1005·9	1007·6	+ 0·1	309·7	314·3	9th	299·8	296·1	11th	304·8	..	+1·0	20	-99
1062	Hall's Creek	18 13	127 46	373	965·2	1005·9	- 1·1	311·4	314·9	27th,28th	297·8	294·3	24th	304·6	304·0	+1·1	47	-39
1063	Darwin	12 28	130 51	29·6	1003·7	1007·1	+ 0·4	307·6	309·1	17th	299·3	294·4	28th	303·4	302·2	+0·9	122	-40
1064	Daly Waters	16 16	133 23	211	981·5	1004·7	- 1·2	312·3	316·3	1st,2nd	297·3	293·6	1st,30th	304·8	304·2	+0·7	58	-43
1065	∅Mein	13 13	142 47	122	991·7	1005·4	- 0·9	307·2	312·6	2nd	295·5	292·1	1st	301·3	300·5	-0·1	294	+100
1066	∅Georgetown, Queensland	18 22	143 32	302	974·4	1007·9	- 0·1	308·4	312·4	17th	296·1	290·8	29th	302·2	..	+0·5	104	-41
1066a	Willis Island	16 18	149 59	8·5	1006·2	1007·4	..	303·7	304·7	28th	298·3	296·6	18th	301·0	301·1	..	89	..
1067	Samarai	10 37	150 40	6·1	..	1009·4	+ 0·8	304·4	..	..	297·8	..	..	301·1	300·9	+0·7	33	-89
1072	Suva, Fiji	18 8	178 26	6·1	1007·0	1007·6	- 0·9	303·7	309·1	29th	297·1	295·2	1st,4th	300·4	300·2	+1·3	442	+124
		S.	E.															

BETWEEN LATITUDE 20° S. AND 30° S.

DECEMBER - ZONE 11 (AMERICA, AFRICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	301·1	304·7	28th	294·7	288·6	8th	297·9	297·7	0·0	468	+261
1121	∅Punta Tortuga, Coquimbo	29 56	71 21	27	1012·7	1015·9	+ 1·0	291·9	293·0	27th	287·2	285·7	8th	289·5	289·2	+0·4	0	0
1122	Iquique	20 12	70 11	9	1013·9	1015·0	+ 0·7	295·7	299·8	29th	286·2	283·5	2nd	290·9	292·0	-0·7	0	0
1123	∅Catamarca	28 27	65 47	510	950·5	1007·1	+ 1·1	305·6	313·1	11th	292·0	286·5	7th	298·8	297·8	-1·3	24	-40
1124	Salta	24 46	65 28	1182	880·1	1006·7	+ 0·6	301·9	310·1	12th	288·9	282·4	8th	295·4	295·1	+0·2	150	+ 9
1125	Goya	29 9	59 15	26	1007·2	1010·2	+ 2·4	304·7	310·0	11th	291·0	286·2	9th	297·9	297·5	-0·3	169	+47
1126	Asuncion	25 17	57 41	93	1000·7	1011·5	+ 2·7	305·7	314·5	13th	293·2	288·4	8th	299·4	298·9	-0·7	142	-13
1127	Curityba	25 25	49 17	908	911·5	1011·9	- 0·4	298·3	305·8	14th	287·5	280·1	6th	292·9	291·9	-0·5	164	+22
1128	Rio de Janeiro	22 54	43 10	18·3	1009·1	1011·2	- 0·3	300·9	308·8	14th	293·9	291·2	17th,18th	297·4	297·4	-0·2	59	-80
1128a	25°-30°S. 50°-45°W.	††27 32	††47 44	§(60)	..	1016·6	..	..	..	Sea Temp. 296·4 +0·3	..	..	..	..	295·8	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 41	††41 46	§(40)	..	1014·6	..	..	..	296·2 -0·6	..	..	..	..	296·7	..	..	..
			W.															
1139	Windhoek	22 34	E. 17 5	1669	833·2	1005·4	..	303·8	306·5	16th	290·1	284·0	28th	296·9	296·3	+0·4	30	-16
1140	O'Okiep	29 36	17 52	933	909·2	1011·7	- 0·3	301·3	310·8	19th	286·8	279·2	12th	294·1	293·9	-0·1	5	+ 1
1141	Kimberley	28 42	24 47	1202	879·2	1007·0	- 0·7	304·8	310·2	16,19,20	289·8	282·5	13th	297·3	297·2	+0·3	107	+53
1141a	Johannesburg	26 11	28 4	1806	822·6	1011·1	- 0·1	299·0	302·4	21st	285·8	283·4	12th	292·4	292·0	+0·8	97	-41
1142	∅Bulawayo	20 9	28 35	1349	867·3	1010·6	0·0	301·6	304·8	3rd,15th	289·9	285·8	20th	295·7	295·2	+0·6	94	-36
1143	Durban	29 52	31 3	15·2	1011·8	1013·6	- 1·9	299·5	302·8	14th	293·7	289·7	13th	296·6	296·2	+0·4	161	+31
1144	Lourenço Marques	25 58	32 36	59	..	1012·9	- 0·4	302·5	312·0	8th	293·6	291·0	13th	298·0	297·5	-0·1	82	-19
1147	Mauritius	20 6	57 33	55·2	1007·8	1014·1	+ 0·1	302·2	306·1	18th	295·1	292·4	5th	298·7	298·2	-0·2	161	+41
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∅Change of normals, see pages 113 and 114.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean.	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
1159	Onslow	21 43	114 57	4·3	1006·2	1006·7	- 0·4	306·8	314·9	30th	294·3	290·2	4th,5th	300·6	..	-1·1	0	..
1160	Cue	27 27	117 52	454	959·2	1009·0	+ 1·0	309·3	315·8	17th	294·6	288·6	15th	301·9	..	+0·3	11	..
1161	Nullagine	21 53	120 5	386	964·3	1006·4	+ 0·9	311·7	315·4	1st	295·9	290·6	5th	303·8	..	-0·7	36	..
1162	Laverton	28 40	122 23	466	958·9	1010·2	+ 0·6	307·9	315·1	30th	292·7	287·3	3rd	300·3	*300·1*	-0·1	8	..
1163	Alice Springs	23 38	133 37	587	942·9	1006·6	- 0·5	307·9	313·0	8th	293·1	287·4	30th	300·5	*300·5*	-0·4	17	..
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∮Boulia	22 55	139 38	146	988·6	1004·9	- 1·0	309·9	314·8	9th	296·3	291·6	30th	303·1	*303·1*	-0·8	13	..
1165	∮Thargomindah	27 58	143 43	123	994·3	1008·2	+ 0·6	306·2	311·4	31st	293·9	290·3	23rd	300·1	*299·7*	-1·9	7	..
1166	∮Mitchell	26 32	147 52	336	972·1	1009·5	+ 1·4	301·7	310·9	2nd	290·6	284·1	1st	296·1	..	-3·1	149	..
1167	∮Rockhampton	23 24	150 30	11·3	1008·4	1009·9	- 0·4	302·4	309·1	3rd,4th	293·7	291·2	23rd	298·1	..	-2·1	232	..
1168	∮Brisbane	27 28	153 2	41·8	1008·3	1012·7	+ 0·6	300·0	305·5	5th	291·8	289·7	22nd	295·9	*295·2*	-1·8	142	..
1170	∮Norfolk Island	29 4	167 59	15·2	1012·8	1014·7	+ 0·6	298·2	303·6	17th	290·9	287·4	20th	293·6	*293·2*	-0·7	165	..

DECEMBER - ZONE 12. BETWEEN LATITUDE 30° S. AND 40° S.

		S.	W.															
1221	Juan Fernandez	33 37	78 50	345	979·1	1019·9	..	290·1	294·5	23rd	285·0	282·9	8th	287·5	*286·5*	..	29	..
1221a	Punta Tumbes	36 37	73 6	120	1001·8	1016·2	+ 0·7	290·7	294·0	24th	283·6	281·2	7th	287·1	*286·6*	-0·2.	6	..
1222	∮Punta Angeles, Valparaiso	33 1	71 38	41	1011·0	1015·9	+ 1·3	294·1	299·0	25th	285·0	283·3	11th	289·5	*289·6*	-0·5	0	..
1222a	Santiago	33 27	70 42	520	954·2	1013·5	+ 0·6	300·6	305·4	29th	283·4	280·6	11th	292·0	*291·5*	-0·2	0	..
1223	Cordoba	31 25	64 12	423	962·6	1010·3	+ 1·4	303·1	311·7	5th	287·8	278·8	8th	295·5	295·3	-0·1	161	..
1224	Bahia Blanca	38 45	62 15	25	1008·0	1011·0	+ 0·7	302·9	309·5	4th	287·1	278·8.	7th	295·0	*294·9*	+0·2	3	..
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1009·7	1012·6	+ 1·3	299·6	305·4	30th	288·1	283·3	31st	293·9	293·8	-0·8	104	..
1226	Montevideo (Obs.Central)	34 55	56 13	24·3	..	..	..	..	303·0	5th	..	285·5	3rd	..	*293·5*	-0·9	105	..
1226a	Porto Alegre	30 2	51 13	23·5	1009·2	1011·9	+ 0·3	301·4	307·6	13th	289·6	284·0	30th	295·5	295·3	-0·8	52	..
1226b	30°-35°S. 55°-50°W.	††32 59	††51 59	§(68)	..	1015·3	..	..	..	Sea Temp. 29.6 +0.4	..	..	..	..	293·3	..	..	..
		W.																
1239	Cape Town	33 56	E. 18 29	12·2	1013·1	1014·5	+ 0·5	298·3	303·1	15th	288·1	282·4	13th	293·2	*291·9*	+0·3	33	..
1240	Danger Point	34 37	19 18	27·7	1012·0	1015·3	+ 1·1	294·2	296·9	15,17,19	287·7	284·1	5th,12th	290·9	..	-0·3	43	..
1241	Riversdale	34 6	21 18	61·0	..	..	..	301·3	312·4	24th	287·1	282·2	13th	294·2	..	+0·5	13	..
1242	East London	33 2	27 55	44·8	1008·6	1013·8	+ 0·3	298·2	301·9	19th	289·9	284·9	13th	294·1	..	+0·8	29	..
1259	Perth (Observatory)	31 57	115 51	60·0	1005·8	1012·7	- 0·7	303·3	313·9	11th	290·8	285·2	18th	297·0	*296·7*	+2·4	5	..
1260	Katanning	33 42	117 35	310	978·4	1014·0	+ 0·8	303·7	311·4	11th	286·3	281·6	3rd	295·0	..	+1·6	23	..
1261	Coolgardie	30 57	121 10	423	964·9	1012·2	+ 1·2	305·3	313·1	13th	288·6	283·1	4th,5th	296·9	*296·7*	-0·4	27	..
1262	Eucla	31 45	128 58	4·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1012·4	1013·9	+ 0·3	300·4	311·3	13,14,15	287·4	282·4	29th	293·9	*293·1*	-0·4	3	..
1264	Adelaide	34 56	138 35	42·7	1008·3	1013·2	+ 0·1	301·3	312·4	24th	288·7	283·7	20th	295·0	*294·5*	+0·3	37	..
1265	Melbourne	37 49	144 58	35·1	1008·9	1013·0	+ 0·3	298·7	311·9	24th	287·2	282·6	6th	293·0	*292·7*	+1·8	34	..
1266	Bourke	30 13	145 58	110	1000·1	1012·6	+ 1·2	304·9	311·9	31st	291·3	287·4	30th	298·1	..	-3·1	49	..
1267	Sydney	33 51	151 13	42·1	1008·7	1013·5	+ 1·7	296·9	306·2	4th	290·1	286·4	1st	293·5	*293·2*	-0·7	60	..
1268	∮Lord Howe Island	31 20	159 0	4·6	1014·0	1014·6	+ 0·4	295·7	299·4	5th	290·8	286·8	19th	293·2	..	-1·0	74	..
1271	Auckland	36 50	174 50	38·1	..	1014·5	+ 0·6	293·6	297·4	25th	286·3	280·8	2nd	289·9	..	-0·8	36	..
1272	Napier	39 29	176 55	1·5	..	..	..	292·6	300·8	30th	285·1	280·5	2nd,17th	288·8	..	-1·9	67	..

DECEMBER - ZONE 13. BETWEEN LATITUDE 40° S. AND 50° S.

		S.	W.															
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	1001·0	1017·9	+ 2·3	286·0	290·6	25th	280·6	278·0	1st,6th	283·3	*283·6*	-0·5	61	..
1322	Punta Galera	40 1	73 44	40	1013·4	1018·2	+ 1·5	288·2	292·1	25th	282·8	279·7	28th	285·5	*286·1*	-0·4	62	..
1323	∮Saraiento	45 34	69 0	272	997·5	1009·3	+ 2·0	295·6	305·9	21st	282·2	277·6	6th	288·9	*289·5*	-0·9	4	..
1324	∮Puerto Madryn	42 49	W. 64 58	14	1008·5	1010·2	+ 1·5	297·9	303·6	22nd	282·0	276·6	15th	289·9	*290·6*	-0·8	3	..
1365	Launceston	41 27	E.147 10	10·1	1009·8	1010·9	+ 1·8	295·8	301·3	15th	284·6	280·8	27th	290·2	*289·4*	+0·6	102	..
1366	Hobart	42 53	147 20	53·9	1004·8	1011·3	+ 1·9	294·3	306·5	16th	284·5	279·3	20th	289·4	*288·6*	+0·7	69	..
1370	Invercargill	46 25	168 21	3·7	..	..	..	..	298·0	26th	281·2	275·2	2nd	285·5	..	-0·3	60	..
1371	Dunedin	45 52	170 31	6·1	..	1013·5	+ 4·7	289·8	298·6	6th	281·3	276·9	7th	285·8	..	-0·6	96	..
1371a	Christchurch	43 31	172 39	7·6	..	1012·7	+ 3·4	290·3	303·7	30th	282·5	276·2	3rd	287·1	..	-1·5	52	..
1372	Wellington	41 16	174 46	3·0	..	1014·3	+ 2·6	291·6	298·8	29th	284·1	278·3	9th	287·7	..	-1·0	81	..

DECEMBER - ZONE 14. BETWEEN LATITUDE 50° S. AND 60° S.

		S.	W.															
1421	Islota de los Evangelistas	52 24	75 6	55	996·4	1003·1	+ 1·4	281·9	284·5	21st	278·2	274·6	10th	280·1	*280·6*	+0·1	250	..
1422	Puerto de Punta Arenas	53 10	70 54	28	998·0	1001·4	+ 2·1	287·7	297·6	21st	279·1	275·0	11th	283·4	*283·5*	+0·3	19	..
1423	∮Punta Dungeness	52 24	68 25	5	1000·3	1000·9	+ 0·9	285·5	292·2	22nd	279·7	275·7	3rd	282·6	*282·9*	-0·6	15	..
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	999·2	- 0·6	286·3	292·4	21st	276·4	272·4	11th	281·3	..	-0·1	31	..
1426	Cape Pembroke	51 41	57 42	21·3	997·7	1000·3	+ 0·7	283·8	290·2	20th	277·4	274·1	11,13,14	280·6	280·8	-0·4	..	..
1429	∮S.Georgia (Cumberland Bay)	54 14	36 33	4	993·3	993·8	- 0·7	280·1	291·5	24th	273·3	270·1	7th	276·7	*276·5*	-0·2	50	..

DECEMBER - ZONE 15. BETWEEN LATITUDE 60° S. AND 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	7	992·5	993·4	- 0·1	274·9	281·0	22nd	270·2	267·4	13th	272·5	272·8	+0·5	13	..
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations.
∮Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, YEAR 1927

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1927

BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

BETWEEN LATITUDE 80° N. AND 70° N. YEAR - ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean.	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
101	Wrangell Island	70 50	178 3	? 2	1017·2	1017·5	..	265·7	291·2	July 19	258·0	227·5	Mar.18	261·8	..	..	357	..
105	∮Barrow	71 23	156 17	7·0	..	1018·6	..	264·3	298·6	July 14	256·1	229·1	Mar.18	260·2	..	-0·4	59	-61
125	Upernivik	72 47	56 7	19·2	..	..	..	..	..	..	..	..	..	..	*266·8*	+2·4	..	..
131	Myggbukta	73 30	21 30	3·2	..	..	..	..	293·1	Aug.11	..	..	..	..	..	..	..	..
132	Scoresbysund	70 29	21 58	18·9	..	..	..	..	..	..	..	232·1	Mar. 7	..	..	..	..	..
135	∮Jan Mayen	70 59	W. 8 18	23·1	1007·3	1010·2	+ 2·1	..	288·0	July 26	270·2	255·0	Jan. 5	..	*272·4*	-0·5	322	-88
139	Spitsbergen (Green Harbour)	78 2	E. 14 15	10·6	1009·5	1010·9	+ 1·0	..	284·3	Aug.12	262·2	234·1	Mar.17	..	285·6	+0·3	454	+154
140	Björnöen	74 28	19 17	40·5	1004·2	1009·4	+ 1·5	..	288·4	June 30	267·6	241·4	Mar.18	..	*270·0*	-0·9	504	+127
141	Ingøy	71 4	24 6	7·5	1007·5	1008·4	+ 0·8	..	292·6	July 5	273·2	280·7	Mar.18	..	*275·4*	-0·4	451	-141
142	Mehavn	71 1	27 47	10·2	1008·4	1009·7	+ 1·8	..	298·9	Aug. 3	271·4	257·4	Feb.21	..	*274·2*	0·0	655	-96
143	Vardo	70 22	31 6	11·8	1008·2	1009·7	+ 0·8	..	297·8	Aug. 3	271·6	257·4	Jan. 8	..	*273·9*	+0·2	475	-185
147	Malye Karmakouly	72 23	52 43	15·3	1008·2	1010·1	0·0	270·6	294·9	June 23	265·0	238·0	Jan. 1	267·8	*267·6*	+0·8	152	-125
148	Waigatz	70 24	58 47	11·2	1009·0	1010·4	..	..	293·9	June 23	263·1	235·3	Mar. 1	..	*266·4*	+0·1	128	-84
153	Dickson	73 31	80 23	13·0	1010·3	1012·0	+ 1·2	..	..	..	258·3	230·9	Jan.10	..	*261·1*	0·0	..	..
182	Bouloune	70 45	127 47	35	1011·0	1015·7	..	..	..	..	255·3	217·1	Jan. 8	..	*259·5*	+0·9	286	..

BETWEEN LATITUDE 70° N. AND 60° N. YEAR - ZONE 2.

201	Pnoobrajenye	N. 64 52	W. 175 18	? 31	..	..	..	..	..	..	..	242·4	Feb. 6	..	..	..	..	..
203	Kone	64 30	165 24	6·7	1010·7	1011·5	+ 2·2	272·8	297·4	June 22	264·3	232·4	Feb. 4	268·5	*268·7*	-0·8	347	-103
204	Candle	65 55	161 57	2·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
204a	Bethel	60 45	161 47	11·6	..	..	..	..	296·3	May 28,July 21	..	236·3	Feb. 5	..	..	..	..	..
206	Tanana	65 10	152 6	69·5	1004·8	1013·2	+ 1·7	272·8	301·9	June 13,14	262·1	228·0	Feb. 5	267·4	*267·6*	-0·5	292	-33
208	Rampart	65 30	150 15	114	..	..	..	271·3	303·0	July 5	261·3	229·1	Nov.27,28	266·3	..	-1·4	223	-31
207	Valdez	61 7	146 16	122	..	..	..	..	294·1	Aug.27	..	250·2	Nov.27	..	..	..	..	..
208	Eagle	64 46	141 12	248	981·9	1013·2	+ 1·0	273·8	304·1	July 6,7,17	261·7	221·3	Dec.27	267·7	*267·9*	-0·9	263	- 8
210	Dawson	64 4	139 29	324	974·0	1014·9	+ 1·1	..	..	..	..	228·3	Dec.28	..	‡*268·1*	-1·0	271	-44
210a	Carcross	60 11	134 34	662	..	..	..	..	303·0	July 16	..	..	..	..	..	..	..	..
211	Mayo Landing	63 35	135 51	7679	951·5	1023·9	..	..	304·7	July 17	261·5	223·0	Dec.29	..	..	..	..	..
212	Fort Good Hope	66 25	128 53	85·2	1010·4	1018·9	+ 2·0	289·9	305·2	July 7	258·1	225·2	Dec.26	284·0	..	-0·5	237	..
213	∮Fort Simpson	61 52	121 35	129	..	..	..	..	303·8	July 20,23	..	228·9	Jan.24	..	..	..	280	+55
225	Hay River	60 51	115 20	161	994·0	1014·5	+ 0·2	274·5	306·3	Oct.15	263·3	227·4	Feb.18	268·9	..	+0·5	254	-33
228	Jacobshavn	69 13	51 2	31·6	1003·4	1007·4	- 1·4	272·3	289·9	Aug. 4	266·4	243·2	Mar. 1	269·3	*269·4*	+2·1	198	-33
227	Godthaab	64 11	51 43	20·4	..	..	..	..	..	..	269·8	254·0	Feb.22	..	*272·6*	+1·6	383	-220
229	Ivigtut	61 12	48 10	30·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Angmagsalik	65 37	37 33	29·3	1003·9	1007·6	+ 0·5	276·9	292·3	Aug. 2	269·2	252·7	Mar. 8	273·1	*273·0*	+1·6	631	-266
231	Stykkisholm	65 5	22 46	25	..	1007·0	+ 0·8	280·5	293·3	Aug. 2	274·3	259·4	Jan. 4	277·4	*277·2*	+1·4	801	+149
232	Westmanno	63 24	20 17	132	..	1008·3	+ 0·9	281·2	292·6	Aug. 7	276·0	258·5	Jan. 4	278·6	*278·3*	+0·8	1232	-133
233	Grimsey	66 33	18 1	22·0	..	1007·9	+ 0·3	278·3	292·4	July 8	274·1	257·4	Jan. 4	276·2	*275·9*	+1·3	297	+27
234	Teigarhorn	64 41	14 22	18·0	..	1008·0	+ 1·1	281·0	294·9	July 18	274·4	258·7	Jan. 4	277·7	*277·2*	+1·1	1255	+89
235	Hjörleifshöfdi	63 3	6 45	22·9	1005·8	1008·4	- 0·1	281·5	289·5	Aug. 4	276·8	264·1	Jan. 1	279·1	*279·4*	-0·1	1258	-203
236	Lerwick	60 8	W. 1 11	18·0	..	1008·1	- 1·2	282·3	293·0	July 9	278·7	268·6	Jan.4,5,Apr.28	280·5	*280·6*	+0·4	1091	+127
237	Bergen (Met. Obs.)	60 24	E. 5 19	44·4	1004·3	1009·8	- 0·9	282·9	300·5	July 9	277·5	263·3	Dec.17	280·2	*280·0*	-0·1	1734	+ 3
238	Aalesund	62 28	6 10	6·3	1008·8	1009·4	- 0·7	..	295·5	Aug. 8	277·7	266·7	Dec.16	..	*279·9*	0·0	1065	-185
239	Trondhjem	63 26	10 25	59·2	1002·4	1009·7	- 0·6	281·4	303·3	July 8	274·5	255·1	Dec.18	277·9	*278·0*	+0·3	727	-63
240	Bodö	67 17	14 24	22·3	1006·3	1008·7	- 0·1	..	298·3	June 29	275·1	280·2	Feb.20	..	*277·7*	+0·6	762	-144
241	Haparanda	65 50	24 9	9·2	1009·8	1011·0	+ 0·2	277·8	304·5	July 8,10	269·5	239·0	Jan. 2	273·5	*273·7*	+0·3	543	+56
242	Helsingfors	60 10	24 57	11·7	1010·4	1011·8	- 0·9	280·7	302·9	July 15	274·8	252·0	Jan. 2	277·7	*277·6*	+0·4	793	+174
242a	Kuopio	62 55	27 40	233	983·4	1012·3	+ 0·3	277·7	301·2	July 7	271·4	245·0	Jan.14	274·5	*274·4*	-1·0	687	+90
243	Kola	68 53	33 0	6·7	1009·9	1010·8	+ 0·8	275·9	301·0	July 30	268·3	235·7	Jan. 1	272·1	*272·5*	+0·2	378	+75
244	Petrozavodsk	61 47	34 23	79·0	1002·7	1012·6	- 1·0	278·8	302·7	July 19	271·5	241·3	Jan.8,9	275·1	*275·3*	+0·1	463	-92
245	Arkhangelsk	64 34	40 31	6·3	1012·2	1013·0	+ 1·1	277·5	302·2	July 19,20	269·9	238·2	Jan. 7	273·7	*273·6*	+0·3	521	+94
247	Mezen	65 50	44 16	14·9	1009·6	1011·5	+ 0·4	275·6	302·0	June 22	267·7	235·9	Dec.30	271·7	*271·8*	+0·2	479	+152
246	Oust-Tsylma	65 25	52 18	68	1003·0	1011·6	- 0·5	274·6	303·9	June 24	267·0	233·9	Jan.10	270·8	*270·6*	0·0	442	+18
	∮Cheberdyn	60 24	56 31	?208	988·7	1014·7	0·0	276·9	302·5	June 9	269·0	235·6	Jan.18	273·0	*272·7*	0·0	593	+26
249	Berezov	63 56	65 4	46	..	..	..	..	..	..	..	227·8	Jan. 3	..	..	..	..	..
250	Obdorsk	66 31	66 36	35·2	1010·7	1015·3	+ 1·3	269·8	298·9	June 23	262·4	229·4	Dec.14	266·1	*266·1*	+0·2	312	+36
251	New Port	67 42	72 57	3·3	..	..	..	267·8	295·3	June 11	260·1	230·0	Jan. 5	263·9	*264·1*	..	265	..
252	Sourgout	61 15	73 24	40	1009·6	1014·7	+ 0·3	..	..	..	..	..	..	..	*268·6*	-0·8	482	+51
253	Doudinka	69 23	86 4	? 20.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Touroukhansk	65 47	87 57	? 45·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Viliouisk	63 45	121 35	120	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?102	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 23	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Pétropavlovskoe	60 25	134 28	?163	993·2	1014·6	..	..	304·3	July 3	258·4	215·4	Jan.12	..	*263·9*	..	195	..
268	Nelakhan	61 55	158 59	29·0	..	..	..	..	296·0	Aug.10	..	..	..	..	..	..	..	..
271	Novo Marlinskii Post	64 45	177 33	? 17	..	..	..	..	297·2	July 22	..	236·4	Jan.1,Feb.26	..	*266·5*	+1·1	163	-24
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 105 and 106. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 105.
∮Change of normals, see pages 105 and 106.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 60° N. AND 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
301	Atka	52 12	174 20	7·6	..	..	..	..	..	..	..	264·1	Feb.23	..	..	..	..	..
302	St. Paul Island	57 15	170 10	12·2	..	1008·8	+ 2·1	275·8	285·8	July 20,21,28	272·0	253·0	Mar.19	273·9	..	-0·2	488	..
303	Dutch Harbor (Radio)	53 55	166 30	4·0	..	..	..	281·0	294·1	Aug.3,Sep.20	274·1	261·9	Mar.19	277·6	..	+0·2	..	..
304	Chernofski Harbor	54 27	166 42	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
305	∮Dillingham	59 0	158 28	24·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
306	∮Kodiak (Radio)	57 47	152 22	4·6	1005·6	1006·4	+ 0·5	280·8	303·0	July 22,23	269·2	243·0	Feb. 5	..	..	..	661	..
									293·0	June 24	274·4	259·7	Feb.22,Mar.6	277·6	*277·5*	-0·4	1226	..
309	Sitka	57 3	135 19	19·8	..	..	..	283·7	298·0	Sep. 20	276·1	261·9	Dec.9,13,31	279·9	..	+0·3	2011	..
310	Prince Rupert	54 18	130 18	51·8	1007·0	1013·4	0·0	283·9	301·3	July 16	276·7	261·3	Feb.16	280·3	*280·3*	+0·1	2209	..
311	Barkerville	53 2	121 35	1274	866·4	1013·9	+ 0·1	278·7	299·7	July 23,24	268·7	239·7	Feb.18	273·7	*273·4*	-1·2	1208	..
312	Kamloops	50 41	120 29	385	971·9	1018·3	- 0·7	285·7	312·4	July 23	275·4	241·3	Dec.31	280·6	*280·7*	-0·8	457	..
313	Calgary	51 2	114 2	1045	893·3	1015·9	+ 1·9	281·5	302·4	July 24,Aug.4	268·7	237·4	Dec.31	275·1	*274·6*	-1·3	759	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	275·2	305·5	July 23	265·9	232·7	Feb. 1	270·6	*271·1*	+0·9	273	..
315	Prince Albert	53 10	105 38	442	962·6	1017·2	+ 2·0	278·8	305·2	July 24,25	267·1	231·3	Jan.20	273·0	*272·6*	-0·4	472	..
316	Qu'Appelle	50 30	103 47	645	937·5	1015·7	+ 0·6	278·8	304·1	July 25	268·2	231·3	Jan.20	273·5	*273·2*	-0·9	650	..
317	Minnedosa	50 15	99 50	515	953·7	1016·8	+ 0·6	278·2	303·6	July 25	268·1	233·2	Jan.21	273·1	*272·9*	-1·1	545	..
318	Berens River	52 18	97 23	216	..	..	..	..	305·8	June 27	..	233·0	Jan.21	..	..	..	569	..
318a	Port Nelson	57 0	92 51	14·9	1013·6	1015·5	+ 0·5	270·9	303·0	July 22	263·3	230·2	Jan.20	267·1	..	+0·4	294	..
319	Pagwa	50 3	85 18	189	..	..	..	279·7	306·3	June 30	265·5	?233·0	Jan.26	272·6	..	-0·6	710	..
320	Moose Factory	51 14	80 30	9·1	1013·3	1014·5	- 0·1	277·3	308·6	June 30	266·5	231·9	Feb.19	271·9	..	-0·3	510	..
321	Fort George	53 50	79 5	97·5	..	..	..	..	299·1	July 1,Sept.2	..	226·9	Feb.2,3	..	..	..	..	..
322	Mistassini Post	50 15	73 55	383	..	..	..	276·6	308·0	July 2	..	228·0	Jan.15	..	..	..	951	..
324	Natashquan	50 8	61 48	6·1	..	..	..	278·3	298·0	July 13	268·1	236·3	Feb.20	273·2	..	+0·1	795	..
326	Belle Isle	51 53	55 23	130	994·0	1010·7	+ 0·7	275·0	290·8	June 23,Aug.8	269·8	243·0	Jan.27	272·4	*272·3*	+0·3	..	..
331	55°-50°N. 30°-25°W.	††52 51	††27 36	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333	53°-46°N. 20°-15°W.	††50 16	††17 21	‡	..	..	..	..	..	..	..	..	..	..	..	..	..	..
333a	62°-57°N. 20°-15°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
334	Cahirciveen (Valentia Obs.)	51 56	10 15	13·7	1010·2	1011·9	- 1·8	285·8	294·1	July 15,18	281·2	270·5	Dec.30	283·5	283·6	+0·1	1345	..
335	Aberdeen	57 10	W. 2 6	26·0	1006·6	1009·8	- 1·5	283·3	295·1	Aug. 3	276·2	264·5	Dec.18	280·8	280·8	0·0	651	..
336	Greenwich	51 28	0 0	46·3	..	1013·3	- 1·8	287·3	302·4	June 16	278·9	265·2	Dec.19	283·1	282·7	0·0	746	..
337	Uccle	50 48	E. 4 22	100	1001·9	1014·0	- 1·7	287·3	304·6	July 5	278·8	258·3	Dec.18	283·0	282·4	+0·3	840	..
338	De Bilt	52 6	5 11	3·0	1013·0	1013·4	- 1·7	286·0	303·0	July 6	278·5	258·7	Dec.19	282·3	281·9	-0·2	875	..
338a	Hamburg	53 33	9 56	40·3	1009·0	1013·9	- 0·8	285·1	302·0	July 27	278·4	258·4	Dec.21	281·7	*282·4*	0·0	961	..
339	‡Copenhagen (Meteor. Inst.)	55 41	12 36	5·0	1011·6	1012·2	- 1·5	283·7	300·0	July 11	277·9	259·9	Dec.29	280·8	*280·9*	+1·0	826	..
340	Potsdam	52 23	13 4	84·9	1004·2	1014·6	- 0·7	285·3	305·3	June 1	277·9	253·0	Dec.21	281·6	281·3	0·0	773	..
340a	Uppsala	59 51	17 36	24	1008·3	1011·2	- 0·9	281·8	304·1	July 15	274·3	248·1	Dec.26	278·0	278·1	+0·2	687	..
341	Warsaw	52 13	21 3	89·9	1004·6	1015·6	- 0·9	284·4	305·8	June 2	276·9	253·9	Dec.20	280·7	*280·6*	..	592	..
342	Tartu (Ülikooli)	58 23	26 43	80·8	1003·1	1013·1	- 0·4	281·2	303·6	July 15	274·1	247·9	Jan.14	277·6	277·6	+0·1	778	..
343	Leningrad	59 56	30 16	8·6	1011·8	1012·9	- 0·4	280·1	303·3	July 18	273·9	247·2	Jan.13	277·0	*277·0*	0·0	638	..
344	Kiiv	50 27	30 30	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
344a	Moscow	55 50	37 33	167	995·1	1015·8	- 0·3	280·4	301·4	Aug.20,21	272·5	241·0	Jan.19	276·5	*276·4*	-0·2	697	..
345	Saratov	51 32	46 2	127	1002·0	1017·8	+ 0·2	282·3	308·2	June 16	273·1	242·5	Jan.17	277·7	*277·6*	+0·5	406	..
346	Kazan	55 47	49 8	79·9	1006·7	1016·7	- 0·5	280·7	305·2	July 23	272·2	239·6	Jan.18	276·5	*276·3*	0·0	390	..
347	Orenburg	51 45	55 6	109	1005·2	1018·8	- 0·9	282·4	312·6	July 28	271·5	242·3	Dec.11	276·9	*277·0*	+0·3	272	..
348	Perm	58 1	56 16	163	995·6	1016·0	- 0·5	278·6	304·0	July 22	270·0	234·1	Jan.18	274·3	*274·1*	-0·1	678	..
349	Sverdlovsk	56 50	60 38	281	981·0	1015·9	- 0·3	278·2	304·8	July 24	269·7	232·0	Jan.13	274·0	*273·8*	0·0	623	..
350	∮Tobolsk	58 12	68 14	108	1003·4	1017·0	+ 0·5	..	..	..	268·4	233·7	Jan.14	..	*272·7*	-0·2	562	..
351	∮Akmolinsk	51 12	71 23	353	976·6	1020·3	- 0·8	..	315·4	July 31	267·7	235·1	Jan.14	..	*274·1*	-0·3	236	..
352	∮Omsk	55 1	73 19	108	1004·6	1018·2	- 0·1	278·6	311·5	July 30	267·6	232·8	Jan.16	273·1	*272·9*	-0·3	274	..
353	Barnaoul	53 20	83 48	158	1000·6	1020·4	- 0·1	..	306·4	Aug. 1	267·3	231·7	Jan.16	..	*273·6*	-0·2	458	..
354	Tomsk	56 30	84 58	122	1003·6	1019·1	+ 0·5	277·5	305·6	June 30	266·9	230·5	Jan.16	272·2	*272·0*	-0·1	516	..
355	Minousinsk	53 43	91 41	248	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 10	77·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	674	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Nertchinskii Zavod	51 19	119 37	621	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	379	..	..	..	..	..	..	..	..	..	..	..	..	..	..
362	Blagovyeshchensk (Bureau Météor)	50 16	127 30	142	..	..	..	..	..	..	..	..	..	..	..	..	..	..
364	Chantar Bolchoy	54 50	137 30	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
365	Nikolaevsk-sur-Amour	53 8	140 45	42·2	1005·4	1010·7	- 0·9	275·1	304·4	June 11	267·0	234·5	Jan.19	271·1	*272·3*	+0·8	..	..
366	Okhotsk	59 21	143 17	5·5	1010·3	1011·0	- 1·7	..	..	..	266·1	240·0	Feb.27	..	*269·4*	+2·2	..	..
368	Petropavlovsk (Phare)	52 53	158 43	87·1	996·4	1007·3	- 0·4	..	..	..	273·3	257·4	Jan.17	..	..	..	904	..
369	Kluchevskoye	56 21	160 48	? 30	1005·8	1009·5	..	..	..	..	269·9	238·7	Feb.10	..	*273·9*	..	..	..
370	Nikolskoe	55 12	165 59	6·8	..	..	..	278·4	290·1	Aug. 2	..	257·5	Jan. 7	..	‡*276·5*	..	..	..
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 106 and 107. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 106 and 107.
††Mean latitude and longitude of the observations. ∮Change of normals, see pages 106 and 107.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 50° N. AND 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	70·1	1007·4	1016·0	- 0·7	285·7	304·7	July 23	279·5	264·3	Dec.30	282·6	282·2	-0·1	650	-120
412	Portland, Oregon	45 32	122 41	46·6	1011·8	1017·3	- 0·5	289·3	311·3	July 23	280·9	261·9	Jan.22	285·1	*284·8*	+0·7	1163	+58
413	Macleod																	
414	Helena																	
414a	Salt Lake City	49 44	113 24	953	..	..	..	282·5	304·7	July 25	271·4	233·6	Dec.31	277·0	*277·0*	-1·1	531	+177
415	Cheyenne	46 34	112 4	1253	872·8	1016·1	- 0·5	284·3	306·3	July 8	273·1	239·7	Dec.31	278·7	*278·6*	-0·7	455	+116
416	North Platte	40 46	111 54	1329	867·2	1015·2	- 0·3	289·5	310·8	July 18	279·2	259·7	Jan.22	284·3	*284·5*	+0·3	525	+109
416a	Bismarck	41 8	104 48	1856	812·2	1015·3	- 0·2	286·2	305·8	June 24	273·5	244·7	Dec.31	279·9	*279·9*	-0·1	510	+154
417	Winnipeg	41 8	100 45	860	916·9	1016·7	0·0	289·7	311·3	June 24	275·8	247·4	Dec. 8	282·7	*282·3*	+0·5	485	+15
418	Duluth	46 47	100 38	510	955·1	1016·7	- 0·2	283·1	306·3	Aug.5, Sept.13	271·9	238·6	Dec.19	277·5	*277·5*	-0·3	528	+95
		49 53	97 7	232	987·8	1016·6	+ 0·4	280·0	305·3	July 24	270·5	237·4	Jan.21	275·3	*275·1*	+0·9	545	+32
419	Port Arthur	46 47	92 6	345	974·7	1016·8	+ 0·6	280·7	304·7	June 28	271·3	240·8	Jan.26,Dec.9	276·0	*275·5*	-0·4	761	+29
420	Chicago																	
421	Toronto	48 27	89 12	196	992·3	1016·6	+ 0·5	280·3	304·1	Sept.15	271·3	237·4	Jan.26	275·8	*275·5*	+0·9	622	+33
422	∮New York (Central Park)	41 47	87 35	205	992·2	1017·1	+ 0·2	287·2	308·0	July 28,Sept.13	279·4	250·2	Jan.15	283·3	*282·9*	+0·2	1006	+167
423	St. John, N.B.	43 40	79 24	116	1002·4	1016·6	0·0	285·8	308·7	June 30	276·7	245·7	Jan.26	281·2	281·0	+0·9	779	-16
424	S.W. Point, Anticosti	40 47	73 58	47·4	1011·5	1017·3	+ 0·2	289·1	306·3	July 13,15,28,Sept.29	280·7	254·7	Jan.27	284·9	284·6	+0·2	1425	+309
424a	Sable Island (Main Station)	45 17	66 4	36·3	1010·1	1014·6	- 0·1	282·6	298·8	July 1	274·9	250·1	Jan.27	278·8	278·4	+0·7	1377	+157
		49 24	63 33	9·1	1012·3	1013·4	+ 1·6	277·8	294·1	July 31	272·4	245·5	Feb.20	275·1	*275·3*	+0·5	817	+28
425	Fort aux Basques	43 57	60 6	7·6	1014·5	1015·4	+ 0·4	282·9	295·8	July,Aug.,Sept.	278·4	258·6	Jan.27	280·7	*280·4*	+0·7	1325	+23
426	St. John's, Newfoundland	47 35	59 10	9·1	..	..	..	279·7	295·8	July 31	274·0	252·2	Feb.20	276·8	*276·7*	+0·4	1459	+79
435	Madrid	47 34	52 42	74·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
436	Nantes																	
		40 24	3 41	667	939·8	1017·0	- 0·6	291·4	307·2	Aug. 4	281·5	267·4	Jan.20	286·4	*285·8*	+0·2	448	+30
437	Paris (Parc St. Maur)	47 15	W. 1 34	36·5	1010·6	1015·0	- 1·8	287·9	300·7	Aug.30	280·6	263·9	Dec.18	284·3	284·1	0·0	844	+58
438	Marseille	48 49	E. 2 30	50·3	1009·4	1015·5	- 1·2	287·7	303·6	July 5	279·7	261·4	Dec.18,19	283·7	283·5	+0·3	774	+212
438a	Zürich	43 18	5 23	75	..	1014·5	- 0·5	293·1	306·0	July 21	282·3	264·3	Dec.18	287·7	*287·0*	-0·1	565	-10
439	Rome	47 23	8 33	493	958·6	1017·1	- 0·6	287·1	304·9	Aug. 1	278·2	255·9	Dec.18	282·7	281·9	+0·3	1191	+82
440	Vienna	41 54	12 27	45·5	1009·5	1014·8	- 0·4	294·6	308·3	Aug. 9	284·8	268·0	Dec.19	289·7	*289·7*	+1·3	957	+126
440a	Budapest	48 15	16 22	203	991·8	1016·3	- 0·3	286·3	304·3	June 2	279·2	253·4	Dec.21	282·7	282·6	0·0	589	-59
441	∮Sofia	47 31	19 1	130	1000·7	1016·5	- 0·1	289·0	308·2	July 9	279·8	253·9	Dec.22	284·4	284·0	+0·5	587	-51
442	Bucharest	42 42	23 20	550	952·1	1016·6	- 0·9	289·7	308·6	July 2,9	279·4	252·3	Dec.22	284·6	*284·3*	+1·3	603	-42
		44 25	26 6	82	1007·1	1017·0	+ 0·2	290·1	312·8	July 2	279·5	246·6	Dec.22	284·8	284·4	+0·8	576	-13
443	Odessa (Observatory)	46 26	30 46	42·8	1011·9	1017·1	0·0	..	309·2	July 10	..	256·6	Feb.23	..	*282·9*	0·0	351	-43
444	Kharkiv (University)	50 0	36 14	140	..	..	..	..	..	..	..	..	..	..	..	..	..	..
444a	Novorossiisk	44 44	37 49	37·1	1011·6	1016·1	0·0	289·7	308·1	Aug.29	281·5	253·7	Jan.18	285·6	*285·7*	0·0	732	+29
445	Tiflis	41 43	44 48	404	969·6	1017·0	- 0·5	291·6	308·3	Aug.30	281·5	262·1	Jan.22,Feb.18	286·5	*286·2*	+0·8	484	-37
446	Astrakhan	46 21	48 2	- 20	1020·8	1018·4	- 0·1	286·6	308·1	Aug.30	278·2	243·4	Jan.18	282·4	*282·2*	0·0	161	+ 5
447	Fort Alexandrovsk	44 31	50 7	- 23·0	1020·6	1017·9	+ 0·5	288·2	309·1	July 13	281·2	254·3	Jan.19	284·7	*284·6*	+0·6	141	- 3
448	Krasnovodsk	40 0	52 59	- 4·6	1016·4	1015·3	- 0·7	293·1	315·1	July 13	285·7	261·3	Jan.20	289·4	*289·0*	+0·3	79	-60
449	Kasalinsk	45 46	62 7	66·7	..	..	..	..	..	..	274·4	239·8	Dsc.12	..	*280·3*	0·0	110	- 5
450	Tashkent	41 20	69 18	478	960·3	1016·2	- 0·8	293·5	313·7	July 11	280·3	249·2	Jan.21,22	286·9	*286·6*	+0·4	283	-64
451	Marynskoe	43 16	76 13	2015	..	..	..	..	304·0	July 13	270·0	241·1	Dec.19	..	*276·5*	+0·9	246	-25
452	Alma Ata	41 26	76 53	841	920·4	1017·9	- 1·0	288·1	312·2	July 12	276·8	249·9	Jan.22	282·5	*282·2*	+1·4	436	-135
461	Moukden	41 48	123 23	43·8	1010·5	1015·9	- 0·6	287·0	307·7	June 9	275·2	243·9	Dec.28	281·1	280·7	+0·6	588	-80
462	Joshin	40 40	129 11	31·9	1010·8	1014·7	- 0·4	286·0	305·5	July 19	277·3	252·4	Jan.22	281·7	281·2	+0·3	929	+219
463	Yuki	42 20	130 24	63·8	1006·5	1014·4	- 0·8	283·4	303·2	June 8	275·4	252·6	Jan.22	279·4	279·3	+0·1	858	+113
464	Vladivostok	43 7	131 54	128	..	..	..	..	..	..	..	..	..	..	..	..	..	..
465	Ochiai	47 20	142 47	27·4	1007·2	1010·6	- 1·1	280·6	303·2	Aug. 5	270·9	239·9	Jan.16	275·7	275·3	+1·0	817	-32
466	Nemuro	43 20	145 35	28·7	1008·1	1011·4	- 1·2	282·7	301·0	Aug. 9	275·3	257·0	Feb. 4	279·3	279·2	+0·7	1042	+83
466a	Syana	45 14	147 53	39·3	1005·6	1010·5	- 1·3	281·5	301·0	July 31	274·2	253·3	Feb.13	277·9	278·0	+0·7	1552	+521
		N.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 40° N. AND 30° N.

YEAR - ZONE 5 (AMERICA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min. B.	Temperature. Absolute Min.	Temperature. Date.	Temperature. Mean of A and B.	Temperature. †24 hr. Mean. *	Temperature. Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
508	35°-30°N. 145°-140°W.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
512	San Francisco	37 48	122 26	47·2	1010·7	1016·5	- 0·5	290·6	306·9	June 30	283·4	277·4	Apr.10	287·0	*286·4*	+1·2	619	+52
512a	San Luis Obispo	35 18	120 39	61·3	..	..	..	..	310·8	May 13	..	..	..	..	..	..	..	..
	Sacramento	38 35	121 30	21·0	1013·0	1015·5	- 0·2	295·0	314·7	July 12	282·5	271·3	Dec.17	288·8	*289·0*	+0·3	389	-83
513	San Diego	32 43	117 10	26·5	1012·0	1015·2	- 0·1	292·8	307·4	Oct.20	286·2	277·4	Jan.25,Dec.19	289·5	*289·1*	+0·6	417	+176
514	Modena	37 48	113 54	1868	833·2	1014·0	- 0·6	290·1	308·0	July 18	274·3	248·6	Jan.23	282·2	*282·1*	+0·6	341	+53
515	Santa Fé	35 41	105 57	2138	787·9	1013·9	+ 0·4	289·5	306·3	July 16	276·9	258·0	Dec.18	283·2	*282·9*	+1·0	361	-11
516	Denver	39 45	105 0	1613	837·0	1015·2	+ 0·1	289·9	308·0	June26,July17	276·7	248·6	Dec. 7	283·3	*283·1*	+0·4	405	+43
517	Abilene	32 23	99 40	530	954·6	1015·4	- 0·2	298·8	314·1	May 28	285·5	261·9	Dec.31	292·1	*291·4*	+1·5	493	-119
518	Saint Louis	38 38	90 12	173	996·7	1017·2	+ 0·1	291·5	309·7	Sept.16	282·3	253·6	Jan.15	286·9	*286·7*	+0·6	1291	+283
519	Mobile	30 41	88 2	17·4	1016·2	1018·2	+ 0·6	298·4	311·3	Sept.16	289·3	266·3	Jan.16	293·8	*293·3*	+1·6	1159	-428
520	Nashville	36 10	86 47	186	998·8	1018·7	+ 0·3	294·3	309·7	Sept.15	283·9	256·9	Jan.15	289·1	*289·2*	+0·9	1235	+30
521	Charleston	32 47	79 56	14·6	1018·8	1018·5	+ 0·3	296·9	310·8	July 3	288·6	265·8	Jan.16	292·7	*292·8*	+1·1	757	-472
522	Washington	38 54	77 3	34·1	1013·4	1017·6	- 0·3	291·5	309·1	Sept.15	281·4	259·7	Jan.27	286·5	*286·2*	+0·8	896	-178
524	Bermuda	32 17	64 48	46·0	1014·4	1019·8	+ 1·5	298·3	306·2	Aug. 7	290·4	280·3	Mar. 5	294·4	*294·3*	-0·1	1247	-214
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 107 and 108. †Estimates not based on at least six equally spaced observations each day are in italics.
∮Change of normals, see page 107 and 108.

YEAR - ZONE 5 (EUROPE, AFRICA, ASIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 40° N. AND 30°

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
530	Santa Cruz (Flores)	39 27	31 9	40	1015·3	1020·0	− 2·0	293·1	302·1	Sept.10	287·9	279·1	Dec.14	290·5	*290·6*	0·0	1663	
531	Horta	38 32	28 38	65	1012·8	1020·6	− 1·0	292·9	302·1	Sept.11	288·3	280·3	Mar.15	290·6	290·3	−0·3	958	
532	Ponta Delgada	37 44	25 40	22	1018·2	1020·8	− 0·5	292·4	298·6	Sept. 9	288·5	282·5	Mar.15	290·5	290·4	+0·1	..	
532a	Faja de Cima	37 48	25 40	175	..	..	..	..	..	..	..	..	..	..	..	..	1280	
533	Madeira (Funchal)	32 38	16 55	25	1018·0	1021·0	+ 1·2	294·3	300·5	Aug.16	290·1	285·0	Feb.6,19	292·2	*292·2*	+1·0	427	
535	Lisbon	38 43	9 9	95	1006·7	1018·2	+ 0·7	292·9	310·0	June 20	286·1	277·5	Nov.16	289·5	289·5	+0·8	532	
535a	Melilla	35 17	2 59	40	1013·0	1017·7	..	294·8	309·4	Aug.15	288·6	279·7	Dec.28	291·7	*291·7*	−0·3	348	
536	⸸Gibraltar	36 8	5 21	16·2	..	1017·6	− 0·4	294·6	307·4	Aug.15	287·3	278·6	Jan.19	291·0	*290·6*	+0·1	916	
536a	Colomb-Béchar	31 36	W. 2 4	769	928·3	1013·5	..	300·8	316·4	July 19	286·3	269·0	Jan.21	293·5	*293·1*	..	13	
537	Palma	39 34	E. 2 39	23	1012·9	1015·6	− 1·7	295·5	308·0	Aug.12	284·6	274·4	Dec.29	290·1	*289·4*	−0·3	432	
538	⸸Algiers (Bouzaréah)	36 48	3 2	342	975·8	1015·8	− 0·5	292·9	310·2	Aug.23	286·8	274·5	Feb. 8	289·8	289·6	+0·6	695	
538a	⸸Gadames	30 9	9 30	351	..	..	..	304·4	323·2	May 27	286·7	273·1	Jan.6,22,31	295·5	..	0·0	35	
539	Tunis	36 48	10 10	75	1008·0	1018·9	..	296·2	316·4	June 30	286·4	274·2	Feb. 9	291·3	*290·9*	+0·4	353	
539a	Malta	35 54	14 31	56·4	..	1015·4	+ 0·5	294·9	309·6	Aug.10	289·8	280·2	Feb.14	292·4	*291·6*	+0·5	404	
540	Riposto	37 41	15 14	14·2	..	1016·5	− 0·5	294·6	307·0	Aug.10	287·2	277·0	Feb13,22,Dec.19	290·9	*291·0*	+0·3	779	
541	Athens	37 58	23 43	107	1002·3	1014·9	0·0	296·4	314·2	July 3	286·3	272·0	Dec.20	292·3	291·9	+1·6	329	
542	Alexandria	31 12	29 53	32·0	1010·8	1014·5	− 0·1	298·3	309·1	May 11	291·2	279·6	Feb.14	294·8	*294·5*	+1·2	310	
543	Ankara (Angora)	39 58	32 48	86·1	..	1015·1	− 0·8	290·9	309·4	Aug.30	279·5	260·2	Feb.15	285·2	*285·3*	..	280	
543a	⸸Nicosia (P.W.D.)	35 9	33 22	159	993·6	1011·9	− 0·6	299·2	316·3	July 11	286·2	271·9	Feb.14	292·7	..	+0·8	274	
544	Beirut	33 54	35 28	33·7	..	1013·0	− 0·7	297·3	308·3	July 6	290·9	276·9	Feb.15	294·1	*294·0*	+0·7	719	
545	Hinaidi	33 17	44 29	32·3	..	1011·1	− 0·6	303·9	319·7	June,Aug.,Sep.	286·9	269·1	Feb.15,Dec.7	295·4	*296·1*	−0·2	69	
546	Lenkoran	38 46	48 51	− 20·0	1019·0	1016·6	− 0·5	..	306·1	June 20	283·6	267·8	Jan. 5	..	*287·3*	−0·2	1113	
547	Tehran	35 41	51 25	1220	..	..	..	295·9	315·3	July 16	284·1	266·4	Jan.6,Feb.16	290·0	*289·8*	+0·5	153	
548	Meshed	36 17	59 38	946	876·7	..	..	294·6	313·2	July 14,15	279·6	259·4	Jan.22	287·1	..	+0·8	203	
549	Seistan	31 0	61 30	610	..	..	..	300·8	318·2	July 14	287·0	265·3	Jan. 8	293·9	..	+0·4	59	
550	Quetta	30 11	67 3	1677	832·5	..	− 0·1	296·6	311·8	July 6,18	278·2	259·7	Jan. 8	287·4	*287·2*	−0·5	136	
551	Peshawar	34 2	71 37	339	972·3	1010·3	− 0·3	302·8	318·7	June 29	288·6	271·9	Jan. 8	295·7	*295·1*	+0·3	174	
551a	Lahore	31 34	74 20	214	984·0	1008·8	− 0·3	304·4	319·6	May 25	290·1	273·0	Jan.11	297·3	*296·7*	0·0	352	
552	Simla	31 7	77 8	2204	780·7	..	+ 0·2	288·6	299·5	May 24	282·8	269·9	Feb.24	285·7	*285·5*	−0·6	2052	
552a	Leh	34 10	77 42	3503	665·8	..	− 0·3	285·6	302·9	July 18	271·7	255·8	Jan.18,Feb.28	278·7	*277·8*	−0·2	75	
559	⸸Hankow	30 35	114 17	37·0	1012·1	1016·5	− 0·5	295·2	311·4	July 30	286·4	268·2	Jan.23	290·8	*290·3*	+0·5	1139	
560	⸸Tientsin	39 10	117 10	5·0	1015·7	1018·3	− 0·9	292·2	315·5	July 2,3	280·5	253·5	Jan.21	286·3	*285·9*	+0·8	386	
561	Shanghai (Zi-ka-Wei)	31 12	121 26	7	..	1016·1	− 0·3	293·9	310·6	July 22	284·4	265·4	Jan.23	289·1	288·3	+0·2	1171	
562	Jinsen (Chemulpho)	37 29	126 37	67·6	1008·2	1018·4	+ 0·1	288·5	308·1	Aug. 7	280·1	256·6	Jan.22	284·3	283·9	+0·2	971	
562a	Nagasaki	32 44	129 52	133	999·6	1015·4	+ 0·0	292·7	307·4	July 24	284·9	269·0	Jan.23	288·8	288·3	−0·4	2701	
563	Kyoto	35 1	135 44	42·9	1009·9	1015·1	+ 0·4	293·2	308·3	July 29	282·0	266·2	Feb.9,12	287·6	286·9	+0·2	1297	
564	Tokyo	35 41	139 46	5·8	1013·1	1013·8	− 0·3	291·9	308·6	July 23	282·7	264·4	Jan.24	287·3	287·1	+0·3	1445	
565	⸸Hukusim=	37 45	140 24	62·0	1006·0	1013·5	− 0·6	290·7	308·6	July 30	279·9	259·1	Feb. 8	285·3	284·8	0·0	1202	
566	Miyako	39 38	141 59	30·4	1009·0	1012·7	− 0·9	288·7	305·4	Aug.22	278·4	258·4	Jan.30	283·5	282·3	−0·1	1483	
		N.	E.															

YEAR - ZONE 6 (AMERICA, AFRICA).

BETWEEN LATITUDE 30° N. AND 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
601	Midway Island	28 15	177 22	5·8	1016·7	1017·3	− 0·3	298·4	304·1	Aug.17, Sept.14	291·4	283·0	Jan.17,Feb.11	294·9	*294·6*	0·0	898	
605	Honolulu	21 19	157 52	11·6	1015·2	1016·8	− 0·1	299·7	303·0	Sept.18	294·5	288·6	Feb.17	297·1	*296·9*	+0·4	1104	
613	Guaymas	27 55	110 53	8·3	1012·1	1013·2	..	302·2	312·5	Aug. 9	292·8	282·4	Jan.21	297·5	*296·9*	−0·9	434	
615	Chihuahua	28 38	106 4	1423	..	..	..	..	..	..	..	265·5	Jan.10	..	..	..	831	
616	Leon	21 7	101 41	1809	821·3	1010·6	− 0·5	299·6	308·0	May 30	283·7	272·5	Jan.18	291·7	*291·1*	−0·5	790	
616a	Monterry	25 40	100 18	528	953·6	1013·0	− 0·5	300·8	314·5	May 6	290·2	272·4	Dec. 8	295·5	*295·2*	+0·7	599	
617	⸸Tulancingo	20 5	98 22	2181	790·3	1011·6	0·0	296·5	306·3	May 9	281·2	271·0	Jan.1,16	288·8	*287·4*	−0·5	595	
618	Galveston	29 18	94 50	16·5	1015·5	1017·6	+ 0·5	297·9	308·6	Sept.18	292·6	271·3	Dec. 8	295·2	*294·8*	+1·4	1864	
618a	New Orleans	29 57	90 4	16·2	1016·1	1018·0	+ 0·9	299·4	310·2	Sept.17	290·9	269·1	Jan.16	295·2	*294·6*	+1·3	..	
619	⸸Merida, Yuc.	20 58	89 38	22	1012·4	1014·9	− 0·2	304·4	310·8	Aug. 4	294·4	286·0	Jan.17	299·4	*298·6*	+0·6	821	
620	Havana	23 7	82 25	77·0	..	1016·1	− 0·1	302·0	307·4	Aug.31	294·1	284·0	Mar. 5	298·1	297·8	..	1103	
620a	Key West	24 33	81 48	6·7	1016·2	1017·0	+ 0·4	301·6	307·4	July 9	295·7	281·9	Jan.12	298·6	*298·0*	+0·7	567	
621	Nassau, Bahamas	25 5	77 20	9·6	..	..	..	..	..	..	..	..	..	..	..	..	950	
622	⸸Watling Island	24 6	74 26	33·5	..	..	..	..	305·2	Sept.11,12,14	..	289·7	Jan.12	..	‡*298·3*	+0·3	..	
633	Port Etienne	20 56	17 3	4	..	..	..	303·3	313·4	Oct. 3	290·4	282·0	Jan.24	296·9	*294·8*	..	..	
634	Izaña	28 19	16 30	2367	769·7	..	+ 0·6	288·5	299·5	July 23	278·8	266·4	Apr.13	282·7	*282·2*	+0·8	529	
634a	La Laguna	28 28	16 20	547	955·3	1018·4	+ 0·4	293·9	308·3	Aug.15	285·8	276·8	Feb.25	289·8	.2	+0·4	409	
636	Adrar	27 38	W. 0 4	285	983·1	1015·6	..	307·4	324·0	July 18	289·2	269·2	Jan.21	298·3	..	..	10	
638	Laperrine	22 36	E. 5 26	1350	..	..	..	302·2	312·6	June 20	287·3	270·4	Jan.14	294·8	*296·2*	..	77	
641	Giarabub	29 45	24 31	49	..	..	..	..	317·5	July 11	..	..	..	..	..	..	..	
642	Siwa	29 12	25 29	− 23	1017·8	1015·1	..	303·1	317·2	May 15	..	272·8	Jan.23	..	..	..	1	
643	⸸Cairo (Helwan)	29 52	31 20	116	1000·3	1013·7	− 0·3	301·7	318·5	May 15	288·9	275·8	Feb.16	295·3	*295·1*	+0·7	20	
643a	Aswan	24 2	32 53	100	1000·1	1011·4	− 0·2	308·0	319·9	May 14,15	291·5	277·3	Jan.10,Feb.17	299·7	*299·3*	+0·9	..	
644	Tor	28 14	33 37	1·9	..	..	..	..	..	..	..	†278·7	Feb.17	..	..	..	..	
		N.	E.															

*For formulae employed see pages 108,109 and 110. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 110.
⸸Change of normals, see pages 109 and 110.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 30° N. AND 20° N.

YEAR - ZONE 6 (ASIA).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
647	Bushire	29 0	50 50	4·3	..	..	..	300·6	317·2	June 27	293·8	279·8	Feb.21	297·2	*296·6*	+0·2	178	−87
648	Jask	25 45	57 45	4·0	..	..	..	303·7	314·7	June 15	296·1	284·9	Jan. 8	299·9	*299·3*	+0·2	136	+22
649	Karachi	24 53	66 57	4·0	1009·4	1009·9	0·0	301·4	309·6	Sept.22	294·9	281·9	Jan. 7	298·2	*297·6*	−0·2	209	+16
650	Jacobabad	28 17	68 29	58·7	1002·1	1008·5	+ 0·1	308·2	323·3	May 27	292·2	271·6	Jan. 8	300·2	*299·6*	+0·2	17	−77
651	Jaipur	26 56	75 52	436	980·9	1010·0	+ 0·2	304·9	317·8	May 26	291·2	273·0	Jan.10	298·1	*297·3*	−0·7	454	−152
652	Allahabad	21 8	79 5	310	974·8	1009·7	+ 0·1	306·2	318·3	May 24	293·6	281·8	Jan.14,Feb.19	299·9	*299·4*	0·0	1415	+172
652a	Darjeeling	25 25	81 51	94·2	997·8	1008·6	− 0·3	305·3	319·3	May 24	292·5	276·1	Jan. 2	298·9	*298·2*	+0·1	1058	+66
654	Calcutta	27 3	88 15	2285	775·4	..	− 0·2	288·3	296·7	July 28	282·2	270·7	Jan.15	285·2	*285·0*	+0·5	3134	+18
655	Gauhati	22 36	88 23	6·4	1008·1	1009·0	− 0·1	304·1	312·2	Apr. 6	294·9	282·3	Jan.20	299·5	*299·2*	+0·6	1164	−424
655a	Cherrapunji	25 15	91 42	1313	867·7	..	− 0·3	293·2	299·6	July 28	287·2	276·2	Jan.14	290·2	*289·6*	0·0	11092	+324
656	Akyab	20 11	92 56	6·1	1009·1	1009·9	− 0·2	302·1	309·0	May 3	294·7	285·1	Jan.20	298·4	*298·2*	−0·8	3949	−1216
656a	Mandalay	21 59	96 0	76·2	1001·9	1010·6	+ 0·2	306·1	315·0	Apr.24	294·7	284·1	Feb.13	300·4	*299·8*	−0·4	1107	+265
657	Tengyueh	25 2	98 33	1628	835·7	1009·9	..	293·4	301·3	Oct.	282·7	270·8	Dec.	288·1	*287·4*	−0·3	1765	+184
658	Phu Lien	20 48	106 38	118	997·5	1011·0	− 0·2	299·9	309·0	June 22	293·4	282·2	Jan.23	296·6	296·0	+0·1	2230	+517
659	Moncay	21 31	107 51	9·0	1010·2	1011·2	− 0·4	299·9	309·3	July 17	292·7	280·3	Jan.23	296·3	*296·4*	+0·3	2934	+103
659a	Hongkong	22 18	114 10	33·2	..	1012·1	− 0·4	297·4	308·9	Aug.19	293·0	280·7	Feb. 7	295·2	294·9	−0·2	2740	+582
661	⸸Taihoku, Formosa	25 2	121 31	9·3	1012·6	1013·7	0·0	298·7	308·8	Aug.24	291·0	278·4	Dec.10	294·8	294·3	−0·4	2859	+526
661a	⸸Basco	20 28	121 59	18·7	..	1010·5	0·0	301·5	308·3	May 18,Oct.2	296·3	289·0	Jan.11	298·9	298·6	0·0	2833	−401
662	⸸Naha	26 12	127 39	29·5	‡1012·6	‡1013·5	0·0	297·5	305·7	Aug.19	291·9	280·0	Jan.31	294·7	294·7	−0·4	1644	−500
665	⸸Titizima (Bonin Islands)	27 5	142 11	4·1	1013·7	1014·2	− 0·1	298·4	307·1	July 25	292·5	280·2	Feb. 2	295·5	295·3	−0·2	1206	−431
		N.	E.															

BETWEEN LATITUDE 20° N. AND 10° N.

YEAR - ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
715	Colima	19 12	103 45	498	956·6	1012·3	+ 0·5	304·5	310·2	May 16	291·3	285·1	Feb. 9	297·9	*296·7*	−0·7	993	+143
716	Morelia	19 42	101 7	1923	810·0	1010·6	+ 0·1	295·6	303·6	May 10	284·4	275·6	Jan.11	290·0	*289·6*	−0·2	837	+61
717	⸸Mexico, Tacubaya	19 24	99 12	2309	775·1	..	0·0	296·1	306·8	May 10	280·9	271·7	Jan.11	288·5	287·7	−0·2	745	+109
718	⸸Salina Cruz	16 12	95 12	56	1005·3	1011·7	− 0·6	302·9	308·5	Mar.29	295·9	289·0	Jan.13	299·4	*299·8*	+0·1	1285	+312
719	San Salvador	13 42	89 13	682	937·4	1012·9	+ 0·6	306·0	311·0	Mar.29	290·4	283·0	Jan. 3	298·2	*296·4*	+0·2	2284	+480
720	⸸Belize	17 31	88 11	5·2	1013·9	1014·5	+ 0·6	..	..	..	304·1	Aug.13,18,26,Sept.12	..	..	‡*298·2*	+0·2	1744	−130
721	⸸Jamaica (Negril Pt.)	18 15	78 23	10·1	..	1014·2	+ 0·5	304·0	307·7	May 14	295·0	289·9	Jan.30	299·5	*299·2*	+0·5	1269	−105
722	Port au Prince	18 33	72 20	37·4	1010·2	1014·5	0·0	305·3	309·5	Sept. 2	295·4	290·9	Dec.31	300·4	*299·6*	+0·4	1280	−91
723	Caracas	10 30	66 56	1042	898·9	1013·1	− 0·1	297·8	302·0	Aug.26	288·6	283·3	Jan.21	293·2	*292·6*	0·0	1342	+536
724	San Juan, Porto Rico	18 29	66 7	25·0	1012·0	1014·8	− 0·7	301·2	307·4	Oct.20	295·7	291·3	Feb.18	298·4	*298·1*	−0·1	2139	+500
724a	Grenada (Richmond Hill)	12 5	61 46	188	..	1012·1	− 0·7	302·7	306·3	Aug.,Sept.,Oct.	296·7	292·4	Jan.14	299·7	*299·2*	+0·6	1950	+55
725	⸸Barbedos	13 8	59 36	55·2	..	1013·4	− 0·4	302·7	306·1	Aug.23	295·7	291·9	Mar.11,Dec.30	299·2	*299·0*	+0·2	1499	+134
731	São Vicente, C. Verde Is.	16 54	25 4	11	1012·0	1013·2	− 1·0	298·5	303·5	Oct.21	294·3	289·0	Feb.5,24,28	296·4	*296·9*	+0·4	169	+21
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·6	1013·5	− 0·9	301·1	305·0	Apr.27	295·5	291·0	Feb.1,11	298·3	*298·4*	+0·8	519	+258
733	Dakar	14 40	17 26	32	1007·7	1011·4	..	302·9	315·8	Mar.24	294·5	286·3	Jan.29	298·7	*297·7*	+0·7	..	..
734	Bathurst (Cape St. Mary)	13 29	16 40	15·9	..	..	..	302·3	310·8	Mar.2,Apr.1	..	..	..	..	..	..	1957	..
735	Niénébalé	13 57	7 26	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuktu	16 43	W. 3 2	270	..	..	..	319·2	June 1	..	279·2	Jan.29	..	..	..	..	..	..
737	⸸Sokoto	13 2	E. 5 14	353	..	..	..	308·6	316·3	Mar.,Apr.,May	293·8	283·0	Jan.11,Dec.17	301·2	*300·7*	0·0	764	+83
738	Kaduna Capital	10 32	7 25	7637	..	..	..	304·2	310·2	Mar.28	..	..	..	..	‡*297·6*	+0·1	1412	+44
740	Hadeija	12 40	10 5	?	..	..	..	307·9	316·3	May10,14,19,June6,8	..	..	..	..	‡*300·5*	−0·4	673	+140
741	⸸Maiduguri	11 47	13 11	361	..	..	..	309·4	319·1	Mar.30,Apr.19,28	293·3	281·9	Jan.8,10,11	301·3	*300·8*	+0·1	699	+102
742	El Fasher	13 32	25 18	730	928·1	1008·4	..	..	314·5	Apr.21	290·6	279·0	Jan. 8	..	*298·6*	..	301	0
743	El Obeid	13 11	30 14	563	946·4	1009·0	− 0·7	308·5	317·2	May 15	292·2	280·6	Feb.16	300·3	*299·2*	+0·6	234	−115
743a	⸸Khartoum	15 37	32 33	390	965·1	1008·4	− 0·1	310·0	318·8	May 14	294·9	282·0	Feb.16	302·5	*302·7*	+0·5	216	+63
744	Port Sudan	19 37	37 13	5·5	1009·0	1009·7	− 0·3	307·0	319·5	July 5,7	297·2	287·4	Mar. 3	302·1	*301·5*	+0·5	96	−16
745	⸸Berbera, Somaliland	10 22	45 2	13·8	1007·7	1009·3	− 0·9	306·6	316·3	July 2,4,7	..	..	..	..	..	..	..	..
746	Aden	12 45	45 3	28·7	1007·4	1010·7	− 0·2	304·8	310·3	Aug.29	298·8	291·4	Jan. 1	301·8	*301·3*	+0·5	104	+55
761	Bombay	18 54	72 49	11·3	1009·1	1010·4	− 0·3	302·8	307·6	Mar. 9	296·8	289·9	Feb.24	299·8	299·1	−0·2	1888	+97
762	Kodaikanal	10 14	77 28	2343	771·4	..	+ 0·4	292·6	297·1	Apr.19	283·7	278·3	Jan.11	287·7	*286·9*	+0·5	1441	−136
763	Bangalore	12 59	77 38	921	910·4	1010·8	+ 0·2	303·4	310·9	Apr.16	292·6	284·8	Nov.20	297·5	*296·7*	+1·1	584	−313
764	Madras	13 4	80 14	6·7	1009·4	1010·2	− 0·2	306·3	315·7	May 27,June 2	297·4	289·4	Nov.19	301·9	*301·1*	+0·6	818	−469
765	Vizagapatam	17 42	83 19	11·6	1008·0	1009·3	− 0·1	303·7	313·6	May 29	297·6	290·4	Dec. 9	300·7	*300·1*	+0·1	1012	+68
766	Port Blair	11 40	92 40	18·0	1008·3	1010·3	− 0·2	302·8	306·7	Apr.30	297·9	293·5	Jan.22	300·4	*299·8*	−0·3	2443	−515
767	Rangoon	16 46	96 48	5·5	1010·2	1010·9	+ 0·1	304·9	310·8	Mar.27,Apr.22	295·7	289·4	Jan.10,Dec.19	300·3	*299·2*	0·0	2724	+211
768	Saigon	10 47	106 42	11	1008·4	1009·6	+ 0·1	303·4	310·6	Apr.21	296·1	291·5	Jan.29	300·4	*299·8*	−0·2	1884	−127
769	Nhatrang	12 15	109 12	3·6	1009·0	1009·4	− 0·1	303·4	308·6	Aug.27	295·7	290·5	Feb. 6	299·6	*299·1*	−0·1	969	−552
	Bolinao	16 23	119 53	2	..	1008·5	+ 0·2	304·5	7310·0	Mar.30	296·1	291·0	Mar.11	300·3	*300·1*	0·0	2004	−615
781	⸸Vigan	17 34	120 23	12·2	..	1008·6	− 0·3	304·3	308·1	May 12	296·6	291·7	Jan.12	300·5	300·2	+0·1	1844	−786
781a	Manila	14 35	120 59	14·2	..	1009·5	+ 0·1	304·9	310·0	Apr.14	295·8	290·1	Feb. 2	300·3	299·6	0·0	2256	+225
782	⸸Ormoc	11 0	124 36	5·6	..	1008·4	0·0	305·3	308·5	May 18	295·7	290·9	Jan.17	300·5	*300·0*	+0·7	2067	−193
785	⸸Guam, Ladrone Is.	13 24	144 38	18·6	..	1008·9	+ 0·3	..	305·8	Apr.30,May.8,10,14	297·8	294·8	Apr. 5	..	*300·9*	+0·8	2268	−20
		N.	E.															

*For formulae employed see pages 110 and 111. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 110 and 111.
⸸Change of normals, see pages 110 and 111.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° N. AND 0°

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.
805	Fanning Island	3 54	159 23	5·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
821	∮Cristobal (Colon)	9 23	79 54	11·0	..	1010·8	- 0·2	303·4	307·4	Sept.25, Oct.10	297·2	293·6	Feb.19	300·3	299·7	+0·6	4180	+2
822	Bogota	4 36	74 5	2645	746·3	..	..	292·0	296·1	Feb.12	282·9	279·0	Mar. 6	287·4	*286·8*	..	912	-2
822a	Merida, Venez.	8 36	71 9	1641	‡ 841·7	..	+ 0·1	296·1	300·7	Aug.30	287·9	284·0	Jan.22	292·0	*290·9*	-0·4	2013	+2
823	Ciudad Bolivar	8 9	63 33	38	1006·8	1011·1	..	304·2	308·4	Mar.29	296·4	293·5	Jan.21	300·3	*299·8*	-0·3	1182	+2
824	El Peru, Guayanavieja	7 19	61 49	220	985·3	1010·2	- 0·4	302·1	305·2	Apr.29	294·7	289·8	Jan.24	298·4	*297·9*	+0·1	2024	+3
825	Georgetown, Brit. Guiana	6 50	58 12	2·0	..	1011·5	- 1·0	302·8	305·5	Nov.27	297·3	294·1	Dec.16	300·1	*299·6*	+0·4	3012	+3
826	Paramaribo	5 49	55 9	3·7	..	1011·9	- 1·0	304·4	307·5	Oct.31	295·1	290·2	Jan.17	299·7	*297·7*	+0·5	2626	+3
826a	Cayenne	4 56	52 21	6	..	..	..	302·6	305·0	Jan.2, Sept.14	297·2	291·0	May 27	299·9	*299·2*	0·0	2843	+2
831	10°-5°N. 30°-25°W.	†† 7 5	††27 4	∮(1384-1503)	..	1012·9	+ 0·4	..	..	Sea Temp. 299·7 | +0·4	..	..	..	..	299·3	+0·3	..	..
833	Konakri	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Freetown, Sierra Leone	8 29	13 14	68·3	1004·2	1012·1	+ 0·7	303·5	308·0	Feb.11	295·9	291·9	Jan.30	299·7	*298·9*	-0·4	3433	+2
835	Assuantsi	5 18	1 15	101	..	..	..	302·8	306·9	Jan.31, Feb.3	294·4	288·6	Jan.13	298·6	*298·0*	+0·1	997	-2
836	Accra	5 33	W. 0 12	16·0	1009·2	1011·0	- 0·2	302·3	308·0	Feb. 8	296·5	291·9	Jan.13	299·4	*299·0*	-0·1	621	-1
837	Lagos	6 27	E. 3 24	3·0	1009·7	1010·1	- 0·7	302·9	306·9	Feb. 7	296·9	293·0	Jan.12, 13, 14	299·9	*299·3*	-0·2	1398	+1
838	Victoria, Nigeria	4 1	9 12	15·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
839	Yola	9 12	12 30	259	..	..	..	307·6	314·7	Mar.20, 23	..	288·6	Dec.20, 25, 28	..	*300·1*	-0·1	1227	+2
841	∮Wau	7 42	28 3	440	..	..	..	..	..	..	293·4	286·0	Jan.7, 15	..	*300·1*	+1·0	962	-3
843	Malakal (Kodok)	9 35	31 27	394	965·6	1009·5	+ 0·5	308·5	315·4	Feb. 9	293·9	288·0	Mar. 3	301·2	*300·6*	+1·1	720	-1
843a	∮Mongalla	5 11	31 47	448	958·6	1008·5	- 0·7	..	315·4	Feb. 9	294·2	288·0	Jan. 8	..	*299·8*	+0·7	703	-1
844	∮Entebbe	0 5	32 29	1171	884·3	1010·6	+ 0·4	299·8	302·4	Jan., Feb., Oct.	290·2	285·8	Feb.15, July14	295·0	*294·2*	+0·3	1366	+3
851	Minicoy	8 17	72 49	2·1	1011·0	1011·2	- 0·2	303·5	306·6	Apr.18	297·8	294·7	Jan.30, 31, July 8	300·7	*300·1*	..	1233	-2
851a	Cochin	9 58	76 21	2·7	1011·3	1011·6	+ 0·2	302·5	306·0	Mar.20	297·3	293·9	Jun.10	299·9	*299·3*	-0·5	2728	+2
852	Colombo Observatory	6 54	79 52	7·3	..	1009·8	+ 0·3	303·5	306·0	Apr.20	296·9	292·4	Jan.10	300·2	*299·6*	0·0	2314	+2
853	Nuwara Eliya	6 58	80 46	1886	..	..	..	293·2	297·9	May 14	284·0	274·4	Apr.13	288·6	*287·8*	+0·5	2676	+3
854	Trincomalee	8 35	81 15	30·2	..	1008·5	+ 0·4	304·9	309·5	Sept. 8	297·6	293·4	Mar. 4	301·3	*300·7*	0·0	1496	+1
855	Kuta Raja	5 32	95 20	7·1	..	1009·1	- 0·8	..	..	..	..	..	..	..	..	..	1508	+2
856	Medan	3 35	98 41	25·0	..	..	..	..	..	..	..	..	..	..	..	..	2140	+3
857	Penang	5 34	100 20	5·0	1009·2	1009·7	- 0·5	303·8	307·5	May 6	295·7	292·3	Dec. 4	299·7	299·1	+0·5	2276	+3
858	∮Singapore	1 18	103 51	10·9	1008·6	1009·8	+ 0·1	306·5	309·7	Jan.31	295·3	293·6	Jan.1, Oct.15	300·9	*300·2*	+0·4	2676	+3
859	Sandakan	5 50	118 7	31·7	..	..	..	303·7	308·3	Mar.14, 17, May 31	296·5	294·1	Feb. 3	300·1	*299·6*	-0·1	2916	+3
860	Iwahig	9 44	118 38	14·3	..	1008·6	+ 0·6	304·2	306·3	July 31	297·1	295·8	six months	300·6	*300·2*	+0·2	1841	+2
								305·3	308·5	May 16, 21	..	..	..	..	*299·4*	+0·2		
861	Tagbilaran	9 38	123 51	21·3	..	1008·6	- 0·1	304·6	307·0	Apr.18, Sept.2	296·7	293·0	Jan.31	300·7	299·9	+0·2	1573	+2
861a	Menado	1 30	124 50	8·5	..	1008·9	0·0	303·6	307·6	Aug.30	296·0	292·1	Nov.27	299·8	299·4	+0·2	2378	+3
862	Surigao	9 48	125 29	6	..	1009·1	+ 0·3	302·8	306·2	Aug.19	297·1	295·0	Dec.31	299·9	299·7	+0·1	3518	+3
863	∮Kolonie, Yap	9 29	138 8	29·3	..	..	..	303·3	306·6	Sept.27	297·9	294·6	Aug.31	300·6	..	0·0	3613	+4
		N.	E.															

BETWEEN LATITUDE 0° AND 10° S.

924	Manaos	3 8	60 1	43·8	..	..	..	303·8	308·0	Oct. 1	295·1	292·5	July 18	299·5	*299·2*	-0·7	2572	+3
926	Taperinha	2 30	54 20	21·5	1009·0	1011·2	- 0·2	304·3	308·1	Dec. 5	295·9	293·5	July 18	300·1	*298·9*	+0·7	2096	+2
927	Turyassu	1 43	45 26	9·1	1009·6	1011·1	- 0·3	305·4	310·2	Dec.12	295·1	291·0	July 17	300·3	*299·3*	+0·3	2283	+3
928	Barra do Corda	5 30	45 16	81·0	999·9	1009·2	- 1·1	305·8	311·3	Oct. 2	294·0	286·3	July 17	299·9	*298·8*	+0·5	796	-2
929	Quixeramobim	5 16	39 15	207	989·0	1012·2	+ 0·2	304·3	307·6	Dec.13	297·0	292·8	July 15	300·6	*300·4*	0·0	602	-2
930	Fernando Noronha	3 50	32 25	106	1000·7	1012·6	- 0·2	301·8	302·9	Oct.1, Nov.30	296·1	294·0	July 14, Aug.1	299·0	*298·7*	+0·3	1060	+2
930a	5°-10°S. 35°-30°W.	†† 7 13	††33 23	∮(603-615)	..	1014·0	..	..	..	Sea Temp. 299·8 | +0·3	..	..	..	..	299·8	..	..	..
930b	0°-5°S. 35°-30°W.	†† 2 46	††31 30	∮(423-432)	..	1012·8	..	..	..	299·5 | +0·1	..	..	..	..	299·6	..	..	..
934	∮Ascension Island	7 55	W. 14 24	16·8	1012·7	1014·5	- 0·1	301·8	305·2	Mar.16, Apr.6	296·0	293·0	Aug.28	298·9	*298·2*	+0·1	145	-1
939	Loanda	8 49	E. 13 13	51	..	1012·1	- 0·4	299·7	304·8	Apr.30	294·7	288·9	Aug. 9	297·2	296·7	+0·2	364	-1
940	Brazzaville	4 17	15 16	321	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Masaka	0 20	31 44	?1280	..	..	..	300·4	304·1	Oct.29, 31	289·1	281·9	July 14, 16	294·7	*294·4*	+1·8	742	-2
944	Nairobi (Dept. Agric.)	1 16	36 50	1675	..	..	..	299·1	?310·2	Jan.19	285·2	278·0	June 27, 30	292·2	..	..	650	-2
944a	Zanzibar	6 10	39 11	17·1	1013·3	1015·2	+ 0·1	301·9	306·7	Feb.16	297·6	293·7	July 10	299·7	*299·1*	-0·1	1607	+2
945	Lamu	2 16	40 50	3·0	..	..	..	302·4	306·9	June 12	..	..	..	..	..	..	1203	+2
947	Seychelles, Port Office	4 37	55 27	4·6	1011·4	1011·8	- 0·1	302·8	305·8	Dec.12	297·1	293·7	Oct. 8	299·9	*299·3*	+0·7	1723	+2
957	Padang	0 56	100 22	6·7	..	1010·6	0·0	303·1	306·7	Mar.13	296·5	294·2	Jan.17	299·8	299·4	+0·1	4323	+3
958	Batavia	6 11	106 50	8·0	1009·0	1009·9	0·0	303·7	306·5	Sept.11	296·5	294·2	June 23	300·1	299·6	+0·5	1787	+2
958a	∮Pontianak	0 1	109 20	2·6	..	1009·2	- 0·7	304·7	308·8	Mar.16	296·6	293·7	Mar.25	300·7	299·6	0·0	4082	+3
959	Pasuruan	7 38	112 55	5·0	..	1009·8	- 0·1	304·7	307·5	Nov.22	296·5	292·3	July 5	300·6	300·3	+0·7	1424	+2
960	Kajoemas	7 56	114 9	1060	..	..	..	..	..	..	..	..	..	..	..	..	2635	+3
962	∮Amboina	3 42	128 10	4·2	..	1009·2	- 0·3	302·2	306·1	Jan.25	297·0	293·8	July 31, Aug.1	299·6	299·2	+0·2	4440	+3
963	Manokwari	0 52	134 20	19·0	..	..	..	..	..	..	..	..	..	..	..	..	1394	+2
965	∮Daru	9 4	143 13	7·6	..	..	..	..	..	..	..	..	..	..	..	..	971	-1
966	∮Port Moresby	9 29	147 9	38·4	..	1010·0	- 0·2	302·8	..	..	..	..	..	..	..	..	..	..
								..	..	..	..	..	..	..	‡*300·3*	-0·3		
967	Rabaul	4 9	152 12	12·5	...	1008·5	0·0	305·7	308·2	Mar.13	296·0	293·8	Sept. 9	300·8	*300·2*	+0·3	2300	+3
969	∮Tulagi, Brit. Solomon Is.	9 6	160 10	2·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
970	Ocean Island	0 52	169 35	42·6	..	1009·9	- 0·1	305·5	308·0	Sept., Oct., Nov.	298·8	296·3	Jan.2, Aug.2	302·2	*301·5*	+1·2	1018	+3
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 111, 112 and 113. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" pages 111, 112
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 111, 112 and 113

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 10° S. AND 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure.* Mean at M.S.L.	Pressure.* Diff. from Normal.	Temperature. Mean Max. A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A..	°A.	mm.	mm.
1002	∮Apia, Samoa	13 48	171 46	2	..	1010·1	0·0	302·3	304·7	Nov.26	296·9	294·5	July 26	299·6	299·6	+0·3	3362	+575
1003	∮Alofi, Niue Island	19 2	169 55	27·4	..	1013·4	- 0·5	302·0	305·8	Mar.11, Apr.10	293·9	286·9	July 24	297·9	*297·7*	-0·1	2523	+492
1022	Tacna	18 0	70 18	560	..	..	..	299·4	305·3	Feb. 3	285·0	278·0	Sept.9	292·2	*290·9*	+0·3	14	-17
1025	Corumba	18 59	57 39	116	997·9	1011·0	+ 0·6	304·1	313·0	Nov. 7	292·6	278·6	June 28	298·4	*297·8*	+0·1	945	-246
1026	Coyaba	15 36	56 6	185	992·2	1010·8	+ 0·5	305·1	312·0	Oct. 2	293·2	279·3	June 14	299·2	*297·9*	-0·3	1580	+203
1027	Bello Horizonte	19 55	43 57	895	915·1	1013·8	- 0·1	299·8	308·2	Nov. 8	288·6	279·4	July 17	294·2	*293·4*	+0·4	1363	-195
1028	Caetitte	14 3	42 37	887	916·2	1014·7	+ 0·5	300·2	307·1	Oct.25	289·3	282·2	July 15	294·7	*294·5*	-0·4	685	-172
1029	Ondina (Bahia)	13 0	38 31	46·6	1008·4	1013·8	- 0·4	301·1	306·6	Feb.27	295·4	292·0	July 17	298·2	*298·1*	+0·3	1805	-330
1030	Aracaju	10 55	37 3	6·1	..	..	..	301·4	304·7	Feb.27	295·8	290·4	July 15	298·6	*298·3*	..	830	..
1030a	15°-20°S. 40°-35°W.	††17 23	††37 48	§(730-742)	..	1016·4	..	..	..	Sea Temp. 298·5 | +0·1	..	..	..	..	298·5	..	..	..
1030b	10°-15°S. 40°-35°W.	††12 42	††36 28	§(614-623)	..	1015·2	..	..	..	299·3 | +0·3	..	..	..	..	299·3	..	..	..
1035	St. Helena	15 57	W. 5 40	579	947·9	1014·8	+ 0·7	290·9	295·8	Feb.28, June12	287·1	284·1	July, Aug Sept	289·0	*289·2*	-0·4	695	..
1039	Mossamedes	15 12	E. 12 9	12·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1041	Livingstone	17 51	25 51	972.	907·3	1013·4	..	303·2	312·2	Nov.10	287·8	275·6	May 14	295·5	..	..	523	..
1041a	Elisabethville	11 39	27 28	1236	..	..	..	..	..	..	..	..	..	..	..	..	1430	+275
1042	Gwelo	19 26	30 2	1411	..	..	..	300·0	310·2	Nov.11	283·6	289·7	Aug. 6	291·8	..	+0·1	598	-63
1043	Salisbury (Dept.Agric.)	17 48	31 5	1489	854·6	1014·7	+ 0·1	297·9	305·5	Nov.11, 12	284·5	273·1	July 15	291·2	290·3	-0·3	624	-177
1044	∮Zomba	15 23	35 18	955	908·7	1014·0	+ 0·7	299·1	307·4	Nov.11, 13, 14, Dec.4	..	278·0	June 29	..	*‡293·1*	-0·2	1282	-104
1045	Mossuril	14 57	40 40	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Antananarivo	18 55	47 33	1375	865·6	1014·3	- 0·1	297·1	303·2	Oct.18, Dec.5	285·1	274·2	June 20	291·1	290·5	0·0	1331	-25
1055	Cocos, Keeling Is.	12 5	96 53	4·6	1013·1	1013·7	+ 0·1	302·0	305·8	Apr.21	297·8	293·8	June 9	299·9	*299·5*	0·0	2433	+421
1057	Christmas Island	10 25	105 43	5·5	1008·2	1008·9	+ 0·1	303·4	305·8	Apr. 9	296·9	293·6	July 17	300·2	*299·6*	0·0	1810	-314
1061	Kupang	10 10	123 34	45·1	..	1011·0	+ 0·7	304·8	311·2	Oct.26	295·3	289·0	Aug.26	300·1	299·6	+0·2	1207	-236
1061a	Derby	17 18	123 40	16·2	1009·7	1011·5	+ 0·3	306·4	315·8	Oct.22	294·3	281·1	July 25	300·4	..	-0·1	522	-157
1062	Hall's Creek	18 13	127 46	373	969·8	1011·3	- 0·3	306·1	315·2	Oct.26	290·0	271·9	July 26	298·1	*297·5*	-0·4	609	+87
1063	Darwin	12 28	130 51	29·6	1006·2	1009·7	+ 0·2	306·0	309·6	Nov.15	296·8	289·3	July 29	301·4	*300·3*	+0·3	951	-620
1064	Daly Waters	16 16	133 23	211	985·9	1009·3	- 0·8	308·1	316·3	Dec. 1, 2	292·0	275·2	July 26	300·0	*299·4*	+0·1	486	-180
1065	∮Mein	13 13	142 47	122	995·5	1009·3	- 0·1	303·9	312·6	Dec. 2	293·4	283·9	July 31	298·7	*298·0*	-0·4	1188	-27
1066	∮Georgetown, Queensland	18 22	143 32	302	978·0	1012·0	+ 0·2	305·0	312·4	Dec.17	292·3	279·1	May 27	298·7	..	+0·5	874	+67
1066a	Willis Island	16 18	149 59	8·5	1009·7	1010·8	..	301·0	305·0	Nov.29	296·8	292·7	Aug.24	298·9	*299·0*	..	1561	..
1067	Samarai	10 37	150 40	6·1	..	1010·4	+ 0·2	302·4	..	..	297·0	..	..	299·7	*299·5*	+0·3	2779	+55
1072	Suva, Fiji	18 8	178 26	6·1	1010·4	1011·1	- 0·2	302·0	309·1	Dec.29	295·7	290·2	July 13, 24	298·8	*298·6*	+0·8	3790	+815
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

BETWEEN LATITUDE 20° S. AND 30° S.

1105	Rarotonga (Avarua)	21 12	159 47	6	..	..	..	300·7	304·9	June 1	293·9	285·2	Sept.17	297·3	*297·1*	+0·6	2108	+ 4
1121	∮Punta Tortuga, Coquimbo	29 54	71 21	27	1013·5	1016·7	+ 0·4	290·6	297·0	Feb. 2	285·6	280·2	Sept.8	288·1	*287·8*	+0·5	135	+10
1122	Iquique	20 12	70 11	9	1014·4	1015·5	+ 0·3	293·3	303·6	Feb.22	284·5	280·2	July 1	289·2	*290·8*	-0·3	0	- 1
1123	∮Catamarca	28 27	65 47	510	953·0	1010·8	- 0·2	300·8	313·1	Dec.11	286·0	270·4	July 8	293·4	*292·9*	-0·3	408	+55
1124	Salta	24 46	65 28	1182	881·9	1011·0	+ 0·4	297·9	310·9	Nov.20	283·4	266·0	July 9	290·7	*290·5*	-0·1	986	+278
1125	Goya	29 9	59 15	26	1009·9	1012·9	+ 0·9	301·5	313·0	Feb.19, Sept.24	287·7	271·6	June 27	294·6	*294·2*	+1·3	902	-168
1126	Asuncion	25 17	57 41	93	1003·9	1014·8	+ 2·4	302·7	315·3	Nov.20	290·7	274·2	July 9	296·7	*296·1*	+0·6	1423	+38
1127	Curityba	25 25	49 17	908	914·6	1016·3	+ 0·4	295·3	305·8	Dec.14	284·8	270·3	Aug.15	290·1	*289·1*	-0·2	1494	+97
1128	Rio de Janeiro	22 54	43 10	18·3	1013·2	1015·3	+ 0·3	299·0	309·0	Oct.16	292·7	286·0	July 11	295·9	295·6	-0·1	989	-109
1128a	25°-30°S. 50°-45°W.	††27 37	††47 52	§(680-700)	..	1017·4	..	..	..	Sea Temp. 294·4 | -0·3	..	..	..	..	294·4	..	..	..
1128b	20°-25°S. 45°-40°W.	††22 32	††41 58	§(433-436)	..	1017·1	..	..	..	296·0 | -0·1	..	..	..	..	296·3	..	..	..
1139	Windhoek	22 34	W. E. 17 5	1689	836·2	1011·9	..	299·0	306·8	Jan.22	286·5	272·5	Aug.26	292·8	*292·1*	+0·7	264	-113
1140	O'Okiep	29 36	17 52	933	911·9	1015·5	+ 0·1	298·8	311·5	Jan.18	285·9	273·3	Aug.26	292·3	*291·8*	+2·0	82	-88
1141	Kimberley	28 42	24 47	1202	884·1	1015·0	+ 0·5	300·4	312·9	Jan.11	284·2	269·7	June16, July18	292·3	..	+1·3	352	-58
1141a	Johannesburg	26 11	28 4	1806	825·7	1017·7	+ 0·8	295·0	306·6	Jan.15	282·8	270·1	Aug.27	288·9	*289·5*	+0·5	594	-250
1142	∮Bulawayo	20 9	28 35	1349	870·2	1016·2	+ 0·2	298·6	309·1	Nov.11	285·3	272·6	July 14	291·9	*291·4*	-0·2	448	-156
1143	Durban	29 52	31 3	15·2	1017·2	1019·0	+ 0·1	297·9	312·0	Feb. 5	290·9	284·0	May 13	294·4	*293·9*	+0·5	1187	+104
1144	Lourenco Marques	25 58	32 36	59	..	1018·2	+ 0·9	301·0	312·0	Dec. 8	290·6	281·4	May 15	295·8	295·2	+0·2	424	-370
1147	Mauritius	20 6	57 33	55·2	1009·4	1015·8	- 0·3	299·3	306·1	Dec.18	292·6	286·0	June 6, 21, July 6	295·9	295·7	-0·3	1635	+374
		S.	E.															
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.	mm.

*For formulae employed see pages 113 and 114. †Estimates not based on at least six equally spaced observations each day are in italics. ‡See "Remarks" page 113.
††Mean latitude and longitude of the observations. §Number of observations. ∮Change of normals, see pages 113 and 114.

YEAR - ZONE 11 (AUSTRALIA).

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE BETWEEN LATITUDE 20° S. AND 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure.* Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean. *	Diff. from Normal.	Precipitation. Total.
		° ′ S.	° ′ E.	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.
1159	Onslow	21 43	114 57	4·3	1010·3	1010·8	- 0·8	303·6	318·6	Feb.17	290·7	278·8	July 24	297·2	..	-0·3	270
1160	Cue	27 27	117 52	454	962·9	1014·1	+ 0·5	301·3	315·8	Dec.17	287·9	275·6	July 14	294·6	..	+0·1	274
1161	Nullagine	21 53	120 5	386	968·7	1011·8	+ 0·3	305·3	315·8	Feb.17	288·7	271·2	July 25	297·0	..	-0·6	456
1162	Laverton	28 0	122 23	466	962·3	1015·1	- 0·1	300·1	318·0	Feb. 9	286·2	272·4	July 23	293·2	*293·1*	0·0	317
1163	Alice Springs	23 38	133 37	587	947·7	1013·0	+ 0·1	301·9	313·8	Jan.15	286·4	269·1	June 1	294·2	*294·2*	+0·3	198
1164	William Creek	28 55	136 21	76·2	..	..	..	..	..	..	..	..	..	..	..	..	..
1164a	∅Boulia	22 55	139 38	146	994·7	1011·3	- 0·4	304·9	316·3	Jan.2,3,19	289·9	275·1	Aug. 7	297·4	*297·4*	+0·5	77
1165	∅Thargomindah	27 58	143 43	123	999·6	1013·9	0·0	301·6	316·6	Jan.16	287·7	271·9	July 27	294·6	*294·3*	-0·1	88
1166	∅Mitchell	26 32	147 52	336	976·3	1014·3	- 0·1	300·1	310·9	Mar.19,Dec.2	284·4	268·6	July 29	292·2	..	-0·1	508
1167	∅Rockhampton	23 24	150 30	11·3	1012·7	1014·2	- 0·3	300·8	310·3	Nov.14	289·7	275·7	July 29	295·2	..	-0·6	1121
1168	∅Brisbane	27 28	153 2	41·8	1011·5	1016·0	+ 0·1	298·1	306·8	Feb. 6	288·1	276·8	July 11	293·1	*292·4*	-0·4	1579
1170	∅Norfolk Island	29 4	167 59	15·2	1015·3	1017·1	+ 0·7	294·9	303·6	Dec.17	289·5	281·3	June 29	292·2	*291·8*	0·0	1185
		S.	E.														

YEAR - ZONE 12.

BETWEEN LATITUDE 30° S. AND 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1221	Juan Fernandez	33 37	78 50	345	978·2	1019·1	..	289·2	298·4	Mar. 1	..	277·8	May 3	..	*285·9*	..	1155
1221a	Punta Tumbes	36 37	73 6	120	1002·3	1016·8	+ 0·4	..	..	..	..	..	..	..	..	..	1262
1222	∅Punta Angeles, Valparaiso	33 1	71 38	41	1012·0	1016·9	+ 0·7	291·9	302·5	Nov.15	284·0	278·1	Sept. 7	287·9	*287·6*	-0·2	546
1222a	Santiago	33 27	70 42	520	955·5	1015·9	+ 0·3	295·2	306·0	Jan. 7	280·6	270·7	Sept. 9	287·9	*287·1*	+0·5	406
1223	Cordoba	31 25	64 12	423	964·6	1013·3	- 0·1	299·0	314·0	Nov.18	283·0	266·4	June 25	291·0	290·5	+0·6	686
1224	Bahia Blanca	38 45	62 15	25	1010·8	1013·8	- 0·5	296·0	312·3	Feb. 6	282·6	267·4	Sept. 2	289·3	*289·0*	+0·6	291
1225	Buenos Aires (Chacarita)	34 35	58 29	25	1012·4	1015·3	- 0·2	295·4	309·9	Feb.24	284·9	271·7	June 26	290·2	289·8	+0·7	971
1226	Montevideo (Obs.Central)	34 55	56 13	24·3	..	..	..	..	307·8	Feb. 8	..	275·4	July 24	..	*290·5*	+0·5	1041
1226a	Porto Alegre	30 2	51 13	23·5	1012·9	1015·7	+ 0·1	297·9	310·4	Jan.11	287·3	275·3	July 25	292·6	292·2	+0·1	1268
1226b	30°-35°S. 55°-50°W.	††32 44	††51 57	§(598-621)	..	1017·6	..	..	..	Sea Temp. 291·4 | +0·3	..	..	..	..	291·5	..	..
			W.														
1239	Cape Town	33 56	E. 18 29	12·2	1016·4	1017·9	+ 1·2	296·1	311·4	Feb.21	285·7	276·4	June 15	290·9	*289·5*	+1·1	482
1240	Danger Point	34 37	19 18	27·7	1014·1	1017·4	+ 1·1	291·9	301·3	Nov. 7	285·9	277·4	Aug.27	288·9	..	+0·1	395
1241	Riversdale	34 6	21 16	61·0	..	..	..	298·0	312·4	Sept.28,Dec.24	283·4	272·0	Aug.11	290·7	..	+0·4	232
1242	East London	33 2	27 55	44·8	1012·8	1018·1	+ 1·0	296·3	310·2	Sept. 6	287·2	276·9	July 16	291·8	..	+0·6	476
1259	Perth (Observatory)	31 57	115 51	60·0	1008·9	1016·0	- 0·5	296·1	313·9	Dec.11	286·1	276·3	Aug.19	291·1	*290·9*	+0·2	931
1260	Katanning	33 42	117 35	310	979·8	1016·0	- 0·1	295·1	311·6	Feb.15	282·2	271·8	July 22	288·7	..	+0·1	452
1261	Coolgardie	30 57	121 10	423	967·3	1015·7	0·0	297·9	317·0	Feb. 8	283·8	273·6	June 13	290·9	*290·8*	-0·2	353
1262	Eucla	31 45	128 58	4·6	..	..	..	..	318·0	Jan.11	..	..	..	..	..	..	..
1263	Streaky Bay	32 48	134 13	13·1	1016·0	1017·5	+ 0·4	296·0	317·4	Jan. 9	284·8	274·8	Sept. 25	290·4	*289·8*	+0·1	328
1264	Adelaide	34 56	138 35	42·7	1012·4	1017·5	+ 0·5	295·8	316·3	Jan.13	284·7	275·3	June 11	290·2	*289·9*	0·0	429
1265	Melbourne	37 49	144 58	35·1	1012·6	1016·8	+ 0·5	292·9	313·9	Jan.14	283·1	271·8	June 28	288·0	*287·7*	+0·3	456
1266	Bourke	30 13	145 58	110	1005·0	1017·7	+ 0·7	300·5	316·9	Jan.14,15	285·7	270·8	July 27	293·1	..	-0·5	160
1267	Sydney	33 51	151 13	42·1	1011·0	1016·1	+ 0·3	294·2	311·1	Mar.18	285·9	276·8	Aug.18	290·0	*289·5*	-0·3	1234
1268	∅Lord Howe Island	31 20	159 0	4·6	1016·1	1016·7	+ 0·2	294·8	300·8	Feb.18	288·9	279·9	Sept. 8	291·8	..	-0·3	1540
1271	Auckland	36 50	174 50	38·1	..	1014·6	- 0·7	290·8	299·7	Jan.24	284·6	275·8	June 16	287·7	..	-0·4	1360
1272	Napier	39 29	176 55	1·5	..	..	..	291·0	302·7	Jan.24	282·5	271·1	July 16	286·7	..	-0·5	793
		S.	E.														

YEAR - ZONE 13.

BETWEEN LATITUDE 40° S. AND 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1301	Chatham Island	43 57	176 31	45·7	..	..	..	..	..	..	..	..	..	..	..	..	..
1321	Isla Guafo	43 34	74 45	140	999·8	1016·8	+ 1·6	284·9	291·6	Mar. 9	279·6	274·0	Sept.7	282·3	*282·7*	0·0	851
1322	Punta Galera	40 1	73 44	40	1012·4	1017·3	+ 0·8	286·8	294·7	Mar. 2	282·3	275·0	July 4	284·5	*284·8*	+0·3	1793
1323	∅Sarmiento	45 34	69 0	272	977·6	1010·0	- 0·6	290·0	306·6	Feb. 2	278·3	262·9	July 8	284·1	*283·8*	+0·1	68
1324	∅Puerto Madryn	42 49	W. 64 58	14	..	..	..	..	310·2	Mar. 3	..	265·3	July 8	..	..	..	114
1365	Launceston	41 27	E.147 10	10·1	1012·3	1013·5	+ 0·1	291·1	305·3	Feb.11	280·1	269·6	June 29	285·6	*284·8*	-0·1	589
1366	Hobart	42 53	147 20	53·9	1006·9	1013·4	+ 1·1	289·4	312·1	Feb.11	281·0	272·9	July 14	285·2	*284·4*	-0·2	510
1370	Invercargill	46 25	168 21	3·7	..	..	..	286·9	302·4	Feb.14	278·1	268·6	June19,July1	282·5	..	-0·5	1114
1371	Dunedin	45 52	170 31	6·1	..	1012·0	- 0·1	287·6	302·4	Jan.18	278·9	271·3	June 17	283·2	..	-0·2	1184
1371a	Christchurch	43 31	172 39	7·6	..	1012·0	- 0·1	288·7	304·8	Feb. 7	279·1	269·6	June 2,5	283·9	..	-0·5	542
1372	Wellington	41 16	174 46	3·0	..	1013·5	- 0·5	289·5	301·9	Feb. 1	282·5	272·6	Aug.29	286·0	..	0·0	1101
		S.	E.														

YEAR - ZONE 14.

BETWEEN LATITUDE 50° S. AND 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1421	Islota de los Evangelistas	52 24	75 6	55	995·6	1002·3	- 0·2	280·6	287·0	Feb.19	277·1	269·9	July 2	278·9	*279·4*	+0·1	3051
1422	Puerto de Punta Arenas	53 10	70 54	28	997·9	1001·3	- 0·9	282·5	297·6	Dec.21	276·9	268·8	June 23	279·7	*279·7*	+0·2	425
1423	∅Punta Dungeness	52 24	68 26	5	1000·3	1000·9	- 0·7	281·9	292·2	Dec.22	276·8	267·2	June 24	279·3	*279·8*	-0·3	207
1424	Santa Cruz	50 1	68 31	12	..	..	..	..	..	..	..	256·1	June 24	..	..	..	..
1425	Stanley, Falkland Is.	51 42	57 51	1·8	..	999·8	- 2·4	282·3	294·7	Nov.27	274·9	265·2	Aug.30	278·6	..	-0·1	493
1426	Cape Pembroke	51 41	57 42	21·3	997·7	1000·3	- 1·7	281·5	290·8	Mar.8,Nov.28	275·8	267·4	Aug.30,Sep.15	278·7	278·7	-0·3	..
1429	∅S. Georgia (Cumberland Bay)	54 14	36 33	4	993·6	994·1	- 2·7	277·1	291·5	Dec.24	270·8	260·4	Sept.2	274·0	*273·8*	-0·9	1335
		S.	W.														

YEAR - ZONE 15.

BETWEEN LATITUDE 60° S. AND 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max A.	Absolute Max.	Date.	Mean Min. B.	Absolute Min.	Date.	Mean of A and B.	†24 hr. Mean.	Diff. from Normal.	Total.
		S.	W.														
1527	South Orkneys	60 44	44 39	7	990·4	991·3	- 1·4	270·2	281·0	Dec.22	263·8	238·5	July 25	267·0	267·5	-1·0	337
		° ′	° ′	metres	mb.	mb.	mb.	°A.	°A.		°A.	°A.		°A.	°A.	°A.	mm.

*For formulae employed see pages 114 and 115. †Estimates not based on at least six equally spaced observations each day are in italics.
††Mean latitude and longitude of the observations. §Number of observations. ∅Change of normals, see pages 114 and 115.

RÉSEAU MONDIAL, 1927

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1927, AND THE PERIOD OF THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULAE FOR MEANS, ETC.

Between Latitude 80° N. and 70° N. P = Barometric Pressure. T = $\frac{1}{2}$(M+m) Temperature. 𝔗 = True Mean Temperature. R = Precipitation. ZONE 1.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116	
101	Wrangell Island	MS. data supplied by Central Géophys. Obs. Leningrad.	..	e	P = $\frac{1}{3}$(7+13+21). 𝔗 derived from these hours.
105	Barrow	Washington, D.C., U.S. Dept. Agric. Climatological Data, Alaska Section, 1927.	T, R, 10 yrs., 1917-30.	c	P = 19h.
125	Upernivik	Copenhagen, Dansk Meteor. Aarbog, 1927.	P, 1874-1920. 𝔗, R, 1873-1920.	e	P = $\frac{1}{3}$(8+14+21). 𝔗 $\frac{1}{9}$ = [2(8+14)+5x21].
131	‡Myggbukta	MS. data supplied by Norweg. Meteor. Inst., Oslo.	..	kl	P = $\frac{1}{3}$(8+14+19). 𝔗 derived from $\frac{1}{4}$(2+8+14+19) 15° E. meridian time.
132	Scoresbysund	See No. 125.	..	e	P = $\frac{1}{3}$(8+14+21). 𝔗 = $\frac{1}{9}$[2(8+14)+5+21].
135	Jan Mayen	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1928.	P, 𝔗, R, 10 yrs., 1921-31.	cek	P = $\frac{1}{4}$(2+8+14+19). 𝔗 = n - k(n-min) where n is the mean of the three fixed daily observations, and k is a factor varying with the station and month.
139	Spitsbergen(Green Harbour)	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1927, 1928.	P, 𝔗, R, 1912-26.	ce	P = $\frac{1}{3}$(8+14+19). 𝔗 = mean of 24 hrs. Absolute maxima taken from hourly readings.
140	Björnöen	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1927.	P, 𝔗, R, 1920-29.	cek	P = $\frac{1}{3}$(8+14+19). 𝔗, see Jan Mayen, No. 135.
141	Ingøy	Do. do.	P, 𝔗, R, 1922-31.	ek	P = $\frac{1}{3}$(8+14+19). 15° E. meridian time. 𝔗, see Jan Mayen, No. 135.
142	Mehavn	Do. do.	P, R, 25 yrs., 1898-1923. 𝔗, 1861-1920.	ek	Do. do.
143	Vardö	Do. do.	P, 1866-1921. 𝔗, 1861-1920. R, 1893-1928.	ek	Do. do.
147	Malye Karmakouly	Leningrad, Ann. Obs. Géophys. Centr., 1927.	P, 16 yrs., 1896-1920. 𝔗, 39 yrs., 1876-1928. R, 15 yrs., 1896-1925.	e	P = $\frac{1}{3}$(7+13+21). 𝔗 derived from these hours.
148	Waigatz	Do. do.	𝔗, 10 yrs., 1915-26. R, 10 yrs., 1915-27.	ek	P = $\frac{1}{3}$(7+13+21). 𝔗 derived from these hours. "k" refers to Oct. to Dec.
153	Dickson	See No. 101.	P, 𝔗, R, 10 yrs., 1916-27.	e	P = $\frac{1}{3}$(7+13+21). 𝔗 derived from these hours.
162	Bouloune	Do.	𝔗, 1909-16; '26-28.	e	Do. do.

Between Latitude 70° N. and 60° N. ZONE 2.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks	
201	Preobrajenye	MS. data supplied by Central Géophys. Obs., Leningrad.	..	e	P, 𝔗 = $\frac{1}{3}$(7+13+21).
203	Nome	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1927 and Rep. of Chief of Weather Bureau, 1927-8.	P, 1918-28. T, R, 19 yrs.	cq	P = $\frac{1}{2}$(6+18). 𝔗 = $\frac{1}{4}$(6+18+M+m).
204	Candle	Washington, D.C., U.S. Dept. Agric., Climatological Data, Alaska Section, 1927.	T, 14 yrs.		..
204a	Bethel	Do. do.	..		𝔗. (Jan.) = $\frac{1}{2}$(6+18).
205	Tanana	See No. 203.	P, 1918-28. T, R, 25 yrs.	cq	P = $\frac{1}{2}$(7+18$\frac{1}{2}$). 𝔗 = $\frac{1}{4}$(7+18$\frac{1}{2}$+M+m).
206	Rampart	See No. 204.	T, R, 19 yrs.		..
207	Valdez	Do.	..		..
208	Eagle	See No. 203.	P, 1917-27. T, 25 yrs., 1882-1926. R, 25 yrs., 1882-1923.	cq	P = $\frac{1}{2}$(8+20). 𝔗 = $\frac{1}{4}$(8+20+M+m).
209	Dawson	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1927.	P, 25 yrs., 1901-26. T,(Jan. to June, Aug. to Dec.). R, 1897-1926. 𝔗, (July Yr.), 1918-27.	bceq	P = $\frac{1}{3}$(8+16+20). 𝔗 (Jan. to June, Aug. to Dec.) = $\frac{1}{4}$(8+20+M+m). 𝔗 (July, Yr.) = $\frac{1}{3}$(8+16+20).
210	Carcross	Do. do.	T, 15 yrs., R, 1907-21.		..
210a	Mayo Landing	Do. do.	..	bce	P = $\frac{1}{2}$(3$\frac{1}{2}$+15$\frac{1}{2}$). 𝔗 = $\frac{1}{4}$(3$\frac{1}{2}$+15$\frac{1}{2}$+M+m).
211	Fort Good Hope	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1927 and MS. data.	P, 10 yrs., 1915-26. T, 1908-28. R, 1898-1922.	be	P = $\frac{1}{2}$(8+16$\frac{1}{2}$). "b" refers to Jan. Mar. to Aug.
212	Fort Simpson	Do. do.	P, 15 yrs., 1909-27. T, R, 1897-1927.	be	P = $\frac{1}{2}$(8+17$\frac{1}{2}$). "b" refers to Jan. June to Aug.
213	Hay River	See No. 209.	P, 1909-22; '25. T, R, 1893-1928.	be	P = $\frac{1}{2}$(8+17$\frac{1}{2}$).
225	Jacobshavn	Copenhagen, Dansk Meteor. Aarbog, 1927.	P, 𝔗, R, 1873-1920.	e	P = $\frac{1}{3}$(8+14+21). 𝔗 = $\frac{1}{9}$ [2(8+14)+5x21]
226	Godthaab	Do. do.	𝔗, 1875-1920. R, 1873-1917.		𝔗 = $\frac{1}{9}$ [2(8+14)+5x21]
227	Ivigtut	..	..		..
229	Angmagsalik	Copenhagen, Dansk, Meteor. Aarbog, 1927.	P, 𝔗, 35 yrs., 1894-1930. R, 25 yrs., 1897-1923.	e	P = $\frac{1}{3}$(8+14+21). 𝔗 = $\frac{1}{9}$[2(8+14)+5x21]
231	Stykkisholm	Reykjavik Mánadaryfirlit semid á vedurstofunni, 1927.	P, 1845-1923. 𝔗, 1846-1900. R, 1856-1923.	c	Do. do.
232	Vestmanno	Do. do.	P, 1881-1923. 𝔗, 1878-1916. R, 1880-1923.	c	Do. do.
233	Grimsey	Do. do.	P, 1874-1918; '20-23. 𝔗, 1875-1916. R, 42 yrs., 1874-1923.	c	Do. do.
234	Teigarhorn	Do. do.	P, 1872-1923. 𝔗, 1873-1916. R, 1873-1923.	c	Do. do.
235	Højvig	See No. 225.	P, 1872-1920. T, R, 1873-1922.	e	Do. do.
236	Lerwick	London, Monthly Weather Rep. of Meteor. Office, 1927.	P, 1871-1915. T, R, 1881-1915.	c	P, 𝔗 = $\frac{1}{4}$(1+7+13+18).
237	Bergen (Met. Obs.)	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1927 and MS. data.	P, (1860-1926). 𝔗. 1904-28. R, 1765-70; 1861-1921.	e	P = $\frac{1}{3}$(8+14+19) 15° E. meridian time. 𝔗, see Jan Mayen, No. 135.
238	Aalesund	Oslo, Jahrb. d. Norweg. Meteor. Inst., 1927.	P, (1851-1900). 𝔗, 1861-1920. R, 43 yrs., 1867-1926.	ek	Do. do.
239	Trondhjem	See No. 237.	P, 1874-1913. 𝔗, 1861-1920. R, 1876-1925.	ce	P = $\frac{1}{3}$(8+14+19). 𝔗, see Jan Mayen, No. 135. Pressure values Jan. to April have been reduced to height of 59·2m.
240	Bodö	See No. 238.	P, R, 1868-1920. 𝔗, 1861-1920.	cek	P = $\frac{1}{3}$(8+14+19). 𝔗, see Jan Mayen, No. 135.
241	Haparanda	Stockholm, Statens Meteor.-Hydrogr. Anstalt, Arsbok, IX, 1927.	P, 1860-1920. 𝔗, 1859-1920. R, 1860-1924.	e	P = $\frac{1}{3}$(8+14+21) 15° E. Meridian time. 𝔗, derived from these hours.

‡ Interpolated values for missing months are published in Le Climat de l'Eirik-Raudes-Land by B.J. Birkeland et Georg Schou, Oslo, Skrifter om Svalbard og Ishavet. No.51.

ZONE 2-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
242	Helsingfors	Helsingfors, Jahrb. Meteor. Zentral-Anst., Pt.I, 1927.	P, 1882-1920. ☿, 1829-1923. R, 1844-1924.	ce P = mean of 24 hrs. ☿ derived from ¼(7+15+2x21).
242a	Kuopio	Do. do.	P, 1884-1928. ☿, 35 yrs., 1884-1919. R, 1886-1920.	ce P = ⅓(7+15+21). ☿ derived from ¼(7+15+2…
243	Kola	Leningrad, Ann. Obs. Géophys. Centr. 1927.	P, 47 yrs., 1871-1920. ☿, 1876-1908; '10-15. R, 35 yrs., 1878-1915.	e P = ⅓(7+13+21). ☿ derived from these hours.
244	Petrozavodsk	Do. do.	P, (1851-1917). ☿, 55 yrs., 1857-1915. R, 35 yrs., 1870-1925.	e Do. do.
245	Arkhangelsk	See No. 201	P, 1851-1917. ☿, 1813-1917. R, 1871-1917.	e Do. do.
246	Mezen	See No. 243.	P, 1871-1908. ☿, 1883-1922. R, 1883-1923.	e Do. do.
247	Oust-Tsylma	Do.	P, 26 yrs., 1890-1922. ☿, 25 yrs., 1890-1920. R, 27 yrs., 1889-1922.	e Do. do.
248	Tcherdyn	See No. 201.	P, (1851-1900). ☿, 35 yrs., 1847-48; '88-1927. R, 35 yrs., 1885-1923.	e Do. do.
249	Berezov	Do.	P, 25 yrs., 1887-1920. ☿, 35 yrs., 1881-1920. R, 35 yrs., 1878-1920.	e Do. do.
250	Obdorsk	Do.	P, 35 yrs., 1887-1926. ☿, 36 yrs., 1882-1922. R, 35 yrs., 1882-1924.	e Do. do.
251	New Port	Do.	..	☿ derived from ⅓(7+13+21).
252	Sourgout	Do.	P, 35 yrs, 1887-1924. ☿, 37 yrs., 1884-1922. R, 35 yrs., 1884-1923.	e P = ⅓(7+13+21). ☿ derived from these hours.
253	Doudinka	..	..	..
254	Touroukhansk	..	..	..
261	Viliouisk	..	..	..
262	Iakoutsk	..	..	..
263	Verkhoiansk	..	..	..
264	Petropavlovskoe	See No. 201.	..	..
268	Naiakhan	Do.	..	e P = ⅓(7+13+21). ☿ derived from these hours.
271	Novo Mariinskii Post	Vladivostok, A trip to the Valley of the Amadyr River, by Prof. V.F. Ovsiannikov.	P, 13 yrs., 1898-1927. ☿, 16 yrs., 1898-1927. R, 15 yrs., 1898-1927.	e Do. do. e P, ☿ = ⅓(7+13+21).

ZONE 3. Table showing the Authorities for the Meteorology of the Globe between Latitude 60° N. and 50° N.

301	Atka	Washington, D.C., U.S. Dept. Agric. Climatological Data, Alaska Section, 1927.	..	..
302	St. Paul Island	Do. do.	P, 10 yrs., 1917-27. T, 15 yrs. R, 23 yrs.	c P = ½(6+18).
303	Dutch Harbor (Radio)	Washington, D.C., U.S. Dept. Agric. Climatological Data, Alaska Section, 1927 and Rep. of Chief of Weather Bureau, 1927-8.	P, 1917-27. T, 25 yrs., 1872-86; 1905-25. R, 15 yrs., 1905-20.	cq P (Jan. to May) = ½(6+18). P (June to … ½(2+14). ☿ (Jan. to May) ¼(6+18+M+m) ☿ (June to Dec.) ¼(2+14+M+m).
304	Chernofski Harbor	See No. 301.	..	..
305	Dillingham	Do.	T, 10 yrs., 1919-29. R, 10 yrs., 1919-30.	..
306	Kodiak (Radio)	See No. 303.	P, 10 yrs., 1918-28. T, 1917-27. R, 25 yrs., 1898-1930.	q P = ⅛(8+20). ☿ = ¼(8+20+M+m). 135° W. … dian time. R (Jan. to July, Sept. to … interpolated from Experimental Stat…
309	Sitka	See No. 301.	T, 43 yrs. R, 61 yrs., 1842-1921.	..
310	Prince Rupert	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1927.	P, 1911-25. T, 1909-23. R, 1910-24.	be P = ⅛(5+17). ☿ = ¼(5+17+M+m). 120° W. meridian time.
311	Barkerville	Do. do.	P, 1899-1924. T, 1888-1923. R, 1888-1925.	bce P = ⅛(5+17). ☿ = ¼(5+17+M+m).
312	Kamloops	Do. do.	P, 25 yrs., 1896-1921. T, 35 yrs., 1891-1927. R, 1895-1929.	ceq P = ⅛(4½+16½). ☿ = ¼(4½+16½+M+m).
313	Calgary	Do. do.	P, 1894-1928. T, 1884-1923. R, 1884-1920.	ber P = ⅛(5½+17½). ☿ = ¼(5½+17½+M+m).
314	Fort Chipewyan	Do. do.	P, 15 yrs., 1910-28. T, R, 1884-1928.	be P = ⅛(8+18). ☿ derived from ½(M+m). "b" refers to Nov., Dec.
315	Prince Albert	Do. do.	P, 1897-1921. T, 1885-1925. R, 1884-1920.	bceq P = ⅛(6+18). ☿ = ¼(6+18+M+m).
316	Qu'Appelle	Do. do.	P, 1892-1926. T, R, 1883-1920.	bce P = ⅛(6+18). ☿ derived from ¼(6+18+M+m)
317	Minnedosa	Do. do.	P, 1895-1919. T, 35 yrs., R, 1883-1917.	e P = ⅛(7+19). ☿ = ¼(7+19+M+m). 90° W. meridian time.
318	Berens River	Do. do.	T, 25 yrs., R, 1886-1920.	..
318a	Port Nelson	Do. do.	P, 10 yrs., 1915-25. T, R, 1915-29.	ben P = ⅛(7½+18½).
319	Pagwa	Do. do.	T, R, 1918-30.	..
320	Moose Factory	Do. do.	P, 1891-1920. T, 35 yrs., 1890-1926. R, 1895-1927.	bce P = ⅛(9+14+19).
321	Fort George	MS. data supplied by Canadian Meteor. Service, Toronto.	T, 1916-28.	..
322	Mistassini Post	Toronto, Meteor. Service, Monthly Record of Meteor. Obs. 1927 and MS. data.	T, R, 1894-1900; '14-28.	..
324	Natashquan	See No. 310.	..	..
326	Belle Isle	See No. 321.	T, R, 10 yrs., 1914-25.	..
331	55°-50°N. 30°-25°W.	MS. data supplied by Meteor. Inst., Oslo; Meteor. Inst., De Bilt and Meteor. Office, London.	P, 1900-09; '11-13; '17-18. T, 35 yrs., 1888-1923. R, 35 yrs.	P = ⅛(8½+20½). ☿ = ¼(8½+20½+M+m).
333	53°-48°N. 20°-15°W.	MS. data at M.O.	Sea Temperature 1855-1917. Marine Observer Vol. iii. 1926.	Insufficient data Dec.
333a	62°-57°N. 20°-15°W.	..	Do. do.	Insufficient data Nov.
			..	..

ZONE 3-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
334	Cabirciveen (Valentia Obs.)	London, The Observatories Year Book, 1927.	P, ☿, 1871-1915. R, 1871-1920.	P, ☿ = mean of 24 hrs.
335	Aberdeen	Do. do.	P, ☿, 1871-1915. R, 1871-1920.	Do.
336	Greenwich	London, Monthly Weather Rep. of Meteor. Office, 1927.	P, 1854-1920. ☿, R, 1881-1915.	Do.
337	Uccle	MS. data supplied by Inst. Roy. Météor. de Belgique.	P, 1833-1904. T, 1886-1920. R, 1887-1926.	e P = mean of 24 hrs. ☿ = mean of bi-hourly observations.
338	De Bilt	Utrecht, K. Nederlandsch Meteor. Inst., Jaarboek, 1927.	P, R, 1849-1920. ☿, 1849-1929.	ae P, ☿ = mean of 24 hrs.
338a	Hamburg	Hamburg, D. Seewarte, Ergebn. der Meteor. Beob., 1927.	P, ☿, R, 80 yrs.	e P = ⅛(8+14+20). ☿, May to Aug. = ¼(8+2C+M+m). ☿ (Sept. to Apr.) = ⅛[5(8+20)+2x14].
339	Copenhagen (Meteor. Inst.)	Copenhagen, Dansk Meteor. Aarbog, 1927.	P, 1842-1917. ☿, 1768-76; '82-88; '98-1920. R, 1820-1920	e P = ⅛(8+14+21). ☿ derived from these hours. Temp. and rainfall data refer to the Landbohøjskolen, 55°41'N. 12°33'E. 13m.
340	Potsdam	Berlin, Ergebn. d. Meteor. Beob. in Potsdam, 1927.	P, 1851-1916. ☿, 1893-1927. R, 1877-1916.	e P, ☿ = mean of 24 hrs.
340m	Uppsala	Uppsala, Bull. mens. de l'Obs. Météor., 1927.	P, 1860-1920. ☿, 1855-1920. R, 1851-1924.	e Do.
341	Warsaw	Warsaw, Ann. de l'Inst. Météor., Pologne, 1927.	P, 1885-1920.	e P = ⅛(7+13+21). ☿ = ¼(7+13+2x21).
342	Tartu (Ülikooli)	Tartu, Meteor. Jahrb. für Eesti, 1927.	P, ☿, R, 1866-1915.	e P, ☿ = mean of 24 hrs.
343	Leningrad	Leningrad, Ann. Obs. Géophys. Centr., 1927.	P, ☿, 1871-1915. R, 90 yrs., 1778-97; 1835-1915.	e P = ⅛(7+13+21). ☿ derived from these hours. Pressure values Jan. to May have been reduced to height of 8·6m.
344	Kiiv	..	..	..
344a	Moscow	See No. 343.	P, 1871-1915. ☿, 1881-1915. R, 61 yrs., 1853-1915.	e P = ⅛(7+13+21). ☿ derived from these hours.
345	Saratov	Do.	P, (1851-1900). ☿, 52 yrs., 1836-1915.	e Do. do.
346	Kazan	Do.	P, ☿, 1881-1915. R, 1876-1925.	e Do. do.
347	Orenburg	Do.	P, ☿, 1886-1920. R, 37 yrs., 1885-1922.	e Do. do.
348	Perm	Do.	P, 1885-1922. ☿, 1883-1922. R, 35 yrs., 1882-1917.	e Do. do.
349	Sverdlovsk	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, ☿, 1881-1915. R, 1836-1922.	e Do. do.
350	Tobolsk	Do. do.	P, 35 yrs., 1887-1927. ☿, 35 yrs., 1884-1924. R, 42 yrs., 1841-1922.	e Do. do.
351	Akmolinsk	Do. do.	P, 25 yrs., 1896-1927. ☿, 35 yrs., 1881-1923. R, 36 yrs., 1873-1919.	e Do. do.
352	Omsk	Do. do.	P, 27 yrs., 1887-1922. ☿, 35 yrs., 1885-1927. R, 35 yrs., 1875-1923.	e Do. do.
353	Barnaoul	Do. do.	P, ☿, 1881-1915. R, 81 yrs., 1838-1922.	ek P = ⅛(7+13+21). ☿ derived from these hours. "k" refers to Jan. to Aug., Yr.
354	Tomsk	Do. do.	P, ☿, 1881-1915. R, 45 yrs., 1874-1922.	e P = ⅛(7+13+21). ☿ derived from these hours.
355	Minousinsk	..	..	..
356	Eniseisk	..	..	..
357	Irkutsk	..	..	..
358	Kiremsk	..	..	..
359	Tchita	..	..	..
360	Nertchinskii Zavod	..	..	..
361	Tygan Ourkan	..	..	..
362	Blagovyeshchensk (Bureau Météor.)	..	..	..
364	Chantar Bolchoy	..	..	..
365	Nikolaevsk-sur-Amour	..	..	..
366	Okhotsk	See No. 348.	P, 47 yrs., 1871-1919. ☿, 50 yrs., 1854-1919. R, 51 yrs., 1860-1919.	e P = ⅛(7+13+21). ☿ derived from these hours.
368	Petropavlovsk (Phare)	Do.	P, ☿, 15 yrs., 1890-1919. R, 22 yrs., 1846-1919.	e Do. do.
369	Kluchevskoye	Do.	P, 19 yrs., 1891-1922. ☿, 25 yrs., 1890-1922. R, 29 yrs., 1846-1922.	e Do. do.
370	Nikolskoe	Do.	..	e Do. do.
		Do.	..	e P, ☿ (Apr. to June, Yr.) = ⅛(7+13+21).

Table showing the Authorities for the Meteorology of the Globe between Latitude 50°N. and 40°N. ZONE 4.

411	Victoria, B.C.	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1927.	P, 1900-24. T, R, 1891-1925.	e P, ☿ = mean of 24 hrs.
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1927-8, and Monthly Weather Rev., 1927.	P, T, 1873-1923. R, 1871-1922.	nq P, ☿ = ⅛(8+20) reduced to mean of 24 hrs.
413	Macleod	See No. 411.	T, 25 yrs., 1895-1921. R, 25 yrs., 1895-1920.	☿ derived from ½(M+m).
414	Helena	See No. 412.	P, 1882-1923. T, R, 1880-1923.	nq P, ☿ = ⅛(8+20) reduced to mean of 24 hrs.
414a	Salt Lake City	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
415	Cheyenne	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
416	North Platte	Do.	P, T, 1875-1923. R, 1874-1922.	nq Do. do.
416a	Bismarck	Do.	P, T, 1875-1923. R, 1874-1923.	nq Do. do.
417	Winnipeg	Do.	P, R, 1886-1920. T, 1873-1920.	ce P = ⅛(7+14+19). ☿ = ¼(7+19+M+m).
418	Duluth	See No. 411.	P, see current data. T, 1904-28. R, 1871-1923.	n P, ☿ = ½(8+20) reduced to mean of 24 hrs.
419	Port Arthur	See No. 411.	P, 1900-24. T, 38 yrs. R, 1881-1915.	bce P = ⅛(7+19). ☿ = ¼(7+19+M+m).
420	Chicago	See No. 412.	P, see current data. T, 1873-1923. R, 1871-1923.	n P, ☿ = ½(8+20) reduced to mean of 24 hrs.
421	Toronto	See No. 411.	P, 1886-1921. T, 1873-1920. R, 1874-1920.	e P, ☿ = mean of 24 hrs.
422	New York (Central Park)	New York Rep. of Meteor. Obs., Central Park, 1927.	P, 51 yrs., 1868-1920. ☿, R, 59 yrs., 1868-1928.	enq P = ⅛(7+14+21). ☿ = mean of 24 hrs.
423	St. John, N.B.	See No. 411.	P, 1902-26. T, 45 yrs. R, 1861-1910.	ce P = ⅛(9+15+21). ☿ = mean of 24 hrs.

ZONE 4-continued.

No.	Name of Station	Authority for Current Data.	Period of Normals	Remarks For explanation see page 116
424	S.W. Point, Anticosti.	See No. 411.	P, T, R, 1882-1920.	bce P = ¼(8½+15½+20½). ℭ = ¼(8½+20½+M+m).
424a	Sable Island (Main Station)	Do.	P, R, 35 yrs., 1891-1927. T, 25 yrs., 1898-1923.	"b" refers to Oct. to Dec.
425	Port aux Basques	Do.	P, T, R, 1909-23.	bce P = ¼(9+14+21). ℭ = ¼(9+21+M+m).
426	St. John's, Newfoundland	MS. data supplied by Canadian Meteor. Service, Toronto.	P, 35 yrs., 1886-1921. T (Aug. to Sept., Dec.), 1872-1920. ℭ (Oct. and Nov.) 10 yrs., 1916-27. R, 1874-1920.	ce P = ¼(9+21). ℭ = ¼(9+21+M+m).
435	Madrid	Madrid, Res. Obs. efect. en las Estaciones del Servicio Meteor. Español, 1927.	P, T, 1901-25. R, 25 yrs., 1901-26.	e P = ⅓(7+13+18). ℭ derived from these hours.
436	Nantes	Paris, Bull. Mens. de l'Office National Météor. de France, 1927 and MS.data.	P, ℭ, R, 1881-1920.	e P, ℭ = mean of 24 hrs.
437	Paris (Parc St. Maur)	Do. do.	P, ℭ, 1874-1923. R, 1820-1910.	e Do.
438	Marseille	Marseille, Commission de Météor. du Bouches du Rhône, Bull. Ann., 1927-1928.	P, ℭ, R, 1871-1920.	c P = ⅓(7+12+18). ℭ derived from these hours.
438a	Zürich	Zürich, Ann. Schweiz. Meteor. Zentralanst, 1927.	P, ℭ, R, 1864-1920.	e P, ℭ = mean of 24 hrs.
439	Rome	MS. data supplied by R. Uff. Centr. Meteor. e Geodin., Rome.	P, 1858-1924. ℭ, 1811-23;'25-1924. R, 1782-1924.	c P = ⅓(9+15+21). ℭ derived from ¼(9+21+M+m).
440	Vienna	Wien, Jahrb. d. Zentralangt für Meteor. und Geodyn.,1927.	P, R, 1851-1920. ℭ, 1775-1920.	e P, ℭ = mean of 24 hrs.
440a	Budapest	Budapest, Jahrb. d. K. ung Reichsanst für Meteor. und Erdmagn.,1927.	P, R, 1871-1920. ℭ, 1871-1930.	e Do.
441	Sofia	Sofia, Bull. Mens. de l'Inst. Météor. de Bulgarie, 1927.	P, 1918-32. ℭ, R, 1892-1926.	e P = ⅓(7+14+21). ℭ = ¼(7+14+2x21).
442	Bucharest	Bucuresti, Bul. Lunar al Obs. Meteor. din România, 1927.	P, 1881-1924. ℭ, 1857-1924. R, 1864-1924.	e P, ℭ = mean of 24 hrs.
443	Odessa (Observatory)	Odessa, Bull. Obs. Geophys., 1927.	P, ℭ, 1881-1922. R, 69 yrs., 1841-1915.	e P = ⅓(7+13+21). ℭ derived from these hours.
444	Kharkiv (University)	..	..	..
444a	Novorossiisk	Leningrad, Ann. Obs. Géophys. Centr., 1927.	P, 38 yrs., 1881-1922. ℭ, 1891-1925. R, 1892-1914;'16-27.	e P = ⅓(7+13+21). ℭ derived from these hours.
445	Tiflis	Tiflis, Bull. Météor. Mens. Obs. Geophys. de la Géorgie, 1927 and MS. data.	P, 1881-1922. ℭ, 1881-1915. R, 78 yrs., 1844-1922.	P = mean of 24 hrs. ℭ derived from ⅓(7+13+21).
446	Astrakhan	See No. 444a.	P, ℭ, 1881-1915. R, 68 yrs., 1846-1915.	e P = ⅓(7+13+21). ℭ derived from these hours.
447	Fort Alexandrovsk	MS. data supplied by Centr. Géophys. Obs., Leningrad.	P, 25 yrs., 1882-1920. ℭ, 35 yrs., 1882-1918. R, 47 yrs., 1848-1922.	Do. do.
448	Krasnovodsk	Do. do.	P, 35 yrs., 1883-1923. ℭ, 35 yrs., 1883-1922. R, 35 yrs., 1870-1924.	Do. do.
449	Kasalinsk	MS. data supplied by Meteor. Inst., Tashkent.	ℭ, 35 yrs, 1855-1921. R, 35 yrs., 1862-1906.	ℭ derived from ⅓(7+13+21).
450	Tashkent	Do. do.	P, ℭ, 1881-1915. R, 39 yrs., 1877-1922.	ae P = ⅓(7+13+21). ℭ derived from these hours.
451	Narynskoe	Do. do.	ℭ, 35 yrs., 1885-1927. R, 30 yrs., 1887-1920.	a ℭ derived from ⅓(7+13+21).
452	Alma Ata	Do. do.	P, 36 yrs., 1881-1922. ℭ, 35 yrs., 1885-1924. R, 39 yrs., 1879-1922.	ae P = ⅓(7+13+21). ℭ derived from these hours.
461	Moukden	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1927.	P, ℭ, R, 1906-29.	ce P, ℭ = ⅓(2+6+10+14+18+22).
462	Joshin	Do. do.	P, ℭ, R, 1906-29.	ce Do.
463	Yuki	Do. do.	P, ℭ, R, 1915-29.	ce Do.
464	Vladivostok	..	..	..
465	Ochiai	See No. 461	P, ℭ, R, 1908-29.	e P, ℭ = ⅓(2+6+10+14+18+22). 135° E. mean time.
466	Nemuro	Do.	P, 1886-1920. ℭ, R, 1884-1920.	e Do. do.
466a	Syana	Do.	P, ℭ, R, 1903-29.	e Do. do.

ZONE 5.

Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

508	35°-30°N. 145°-140°W.	..	..	..
511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1927-8, and Monthly Weather Rev., 1927.	P, T, 1873-1923. R, 1850-1925.	nq P, ℭ = ⅓(8+20) reduced to mean of 24 hrs.
512	San Luis Obispo	Washington, D.C., U.S. Dept. Agric., Monthly Weather Rev., 1927.	P, T, 1895-1923. R, 1870-1925.	nq P = ⅓(8+20) reduced to mean of 24 hrs.
512a	Sacramento	See No. 511	P, 1878-1931. T, 43 yrs., 1878-1921. R, 1850-1924.	nq P, ℭ = ⅓(8+20) reduced to mean of 24 hrs.
513	San Diego	Do.	P, T, 1873-1923. R, 1850-1923.	nq Do. do.
514	Modena	Do.	P, ℭ, R, 1901-25.	nq Do. do.
515	Santa Fé	Do.	P, 1873-80;'82;'85-1923. T, 1873-82;'85-1923. R, 67 yrs., 1850-1923.	nq Do. do.
516	Denver	Do.	P, T, 1873-1923. R, 1872-1923.	nq Do. do.
517	Abilene	Do.	P, T, 1886-1923. R, 1885-1922.	nq Do. do.
518	Saint Louis	Do.	P, T 1873-1923. R, 1837-1923.	nq Do. do.
519	Mobile	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
520	Nashville	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
521	Charleston	Do.	P, T, 1873-1923. R, 1871-1922.	nq Do. do.
522	Washington	Do.	P, T, 1873-1923. R, 1871-1925.	nq Do. do.
524	Bermuda	Toronto, Meteor. Service, Monthly Record of Meteor. Obs., 1927.	P, ℭ, R, 62 yrs., 1866-1928.	ce P = ½(8½+15). This approximates to a 24 hr. mean. ℭ = ¼(8½+20½+M+m).
530	Santa Cruz (Flores)	MS. data supplied by Director, Meteor. Service, Azores.	P, 1907-22. T, R, 1911-25.	P, ℭ (Aug. to Dec.) = mean of 24 hrs. ℭ (Jan. to July, Yr.) derived from ½(M+m).

ZONE 5-continued.

No.	Name of Station	Authority for Current Data.	Period of Normals	Remarks For explanation see page 116
531	Horta	MS. data supplied by Director, Meteor. Service, Azores.	P, ℭ, R, 1902-25.	P, ℭ = mean of 24 hrs.
532	Ponta Delgada	Do. do.	P, ℭ, 1894-1928.	Do.
532a	Faja de Cima	Do. do.	R, 1911-25.	..
533	Madeira (Funchal)	MS. data supplied by Obs. Centr. Meteor., Lisbon.	P, ℭ, R, 1880-1920.	e P = ¼(9+15+21). ℭ = ¼(9+21+M+m).
535	Lisbon	Do. do.	P, ℭ, R, 1864-1920.	P, ℭ = mean of 24 hrs.
535a	Melilla	Madrid, Res. Obs. efect. en las Estaciones del Servicio Meteor. Español, 1927.	T, R, (1908-22).	e P = ⅓(7+13+18). ℭ derived from these hours.
536	Gibraltar	MS. data at M.O.	P, 76 yrs., 1852-1930. T, 78 yrs., 1852-1932. R, 79 yrs., 1852-1932.	c P = ⅓(7+13+21). ℭ = ⅔(7+13+2x21).
536a	Colomb-Béchar	..	..	c P = ⅓(7+13+18). ℭ = ¼(7+13+18+m).
537	Palma	MS. data supplied by l'Office National Météor., Paris.	P, T, R, 1866-1921.	e Do. do.
538	Algiers (Bouzaréah)	See No. 535a.	P, ℭ, R, 1894-1930.	ct P, ℭ = mean of tri-hourly observations.
538a	Gadames	See No. 536a.	T, 15 yrs., 1912-15;'19-30. R, 1912-15;'19-29.	..
539	Tunis	Tripoli, Uff. Meteor. Boll., 1927.	ℭ, 35 yrs., 1887-1927. R, 35 yrs., 1887-1925.	e P = ⅓(8+14+19). ℭ derived from ¼(8+14+19+m).
539a	Malta	Tunis, Service Météor., Relevé des Obs., 1927.	P, 66 yrs., 1852-1923. T, 64 yrs., 1853-1923. R, 70 yrs., 1853-1923.	P = ½(7+18) G.M.T. ℭ derived from ½(M+m).
540	Riposto	MS. data at M.O.	P, 1898-1922. ℭ, 1875-1919. R, 1880-1914.	P = ⅓(9+15+21). ℭ derived from these hours.
541	Athens	Riposto, Oss. Meteor. Boll. Mens.,1927.	P, 71 yrs., 1839-1923. ℭ, R, 1858-1923.	e P, ℭ = mean of 24 hrs.
542	Alexandria	Athens, Ann. de l'Obs. National, Tome XI.	P, 1888-1922. ℭ, 1870-1922. R, 1889-1923.	c P = ⅓(8+14+20). ℭ derived from ¼(8+14+20+m).
543	Ankara (Angora)	MS. data supplied by Phys. Dept., Cairo.	P, (1878-1913).	ce P = ⅓(7+14+21). ℭ = ¼(7+14+2x21).
543a	Nicosia (P.W.D.)	Angora, Monat. Witter. Meteor. Inst., Türkei, 1927.	P, T, R, 1907-31.	ac P = ½(8+15).
544	Beirut	See No. 542.	P, ℭ, 1875-1924. R, 1876-1924.	P = ⅛(8½+14½+20½). ℭ = ⅛(8½+14½+20½+2M+3m).
545	Hinaidi	Beirut, Monthly Bull. of the Obs., 1927.	P, 1896-1910. T, R, 1922-32.	P (Jan. to Mar.) = ⅓(5+10+17). P (Apr. to Dec., Yr.) = ½(5+10). ℭ (Jan. to Mar.) derived from ⅓(5+10+17). ℭ (Apr. to Dec., Yr.) derived from ½(5+10). G.M.T.
546	Lenkoran	MS. data at M.O.	P, 1881-1915. ℭ, 1870-84;'92-1915. R, 1847-56;'73-1915.	k P = ⅓(7+13+21). ℭ derived from these hours.
547	Tehran	MS. data supplied by Centr. Géophys. Obs., Leningrad.	T, 1895-1910. R, 25 yrs., 1893-1920.	a ℭ derived from ⅓(M+m).
548	Meshed	MS. data supplied by India Meteor. Dept., Pooma.	T, 17 yrs., 1891-1920. R, 26 yrs., 1893-1920.	a P = 10½ h. G.M.T.
549	Seistan	Do. do.	T, R, 1912-26.	a ..
550	Quetta	Do. do.	P, R, see current data. T, 1878-1920.	aq P = 8h. ℭ derived from ⅓(M+m).
551	Calcutta, India Weather Review, 1927 and MS. data.		P, R, see current data. T, 1878-1910.	aq Do. do.
551a	Peshawar	Do. do.	P, ℭ, R, see current data.	aq Do. do.
552	Lahore	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
552a	Simla	Do. do.	P, R, see current data. T, 43 yrs., 1875-1920.	aq Do. do.
559	Leh	Do. do.	P, ℭ, 1906-30. R, 39 yrs., 1875-1919.	e P = ⅓(6+14+22) 135°E. meridian time.
560	Hankow	Tokyo, Ann. Rep. Centr. Meteor. Obs., Japan, 1927.	P, ℭ, 1905-29. R, 1904-29.	ℭ derived from these hours.
561	Tientsin	Do. do.	P, ℭ, 1873-1920. R, 1873-1924.	e Do. do.
562	Shanghai (Zi-ka-Wei)	Zi-ka-Wei, Revue Mens. de l'Obs.,1927.	P, 35 yrs., 1888-1923. ℭ, 1888-1922. R, 1905-29.	P, ℭ = mean of 24 hrs.
562a	Jinsen (Chemulpho)	Zinsen, Ann. Rep. Meteor. Obs., Työsen, 1927.	P, 1886-1920. ℭ, R, 1879-1920.	e Do.
563	Nagasaki	See No. 559.	P, 1881-1915. ℭ, R, 1881-1920.	e Do.
564	Kyoto	Do.	P, 1886-1920. ℭ, R, 1876-1920.	ce P, ℭ = ⅓(2+6+10+14+18+22).
565	Tokyo	Do.	P, ℭ, R, 1897-1931.	e P, ℭ = mean of 24 hrs.
566	Hukusima	Do.	P, 1886-1920. ℭ, R, 1884-1920.	ce P, ℭ = ⅓(2+6+10+14+18+22).
	Miyako	Do.		ce Do.

Table showing the Authorities for the Meteorology of the Globe between Latitude 30° N. and 20° N. ZONE 6.

601	Midway Island	MS. data supplied by Chief of Weather Bureau, Washington, D.C.	P, 1912-26. T, R, 1917-26.	cd P = 18½ h.
605	Honolulu	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1927-8, and Monthly Weather Rev., 1927.	P, 1883-1928. T, 1883-1920. R, 1874-1928.	q P = ½(8+20). ℭ = ¼(8+20+M+m) 157½°W. meridian time.
613	Guaymas	MS. data supplied by Director, Obs. Meteor., Tacubaya.	ℭ, (1901-10).	r P = ⅓(7+14+21). ℭ derived from these hours.
615	Chihuahu	Do. do.	P, ℭ, 1918-27. R, 15 yrs., 1901-21.	er Do. do.
616	Leon	Do. do.	P, ℭ, 35 yrs., 1879-1923. R, 37 yrs., 1878-1920.	eqr Do. do.
616a	Monterry	Do. do.	P, 1886-88;'96-99; 1905-24. ℭ, 1886-88;'96-99; 1905-22. R, 25 yrs., 1885-1924.	er Do. do.
617	Tulancingo	Do. do.	P, 1922-31. ℭ, R, 15 yrs., 1911-27.	qr Do. do.
618	Galverston	See No. 605.	P, T, 1873-1923. R, 1871-1924.	nq P, ℭ = ½(8+20) reduced to mean of 24 hrs.
618a	New Orleans	Do.	P, see current data. ℭ, 1873-1923. R, 77 yrs., 1836-1922.	n Do. do.
619	Merida, Yuc.	See No. 613.	P, 35 yrs., 1894-1931. ℭ, R, 25 yrs., 1895-1924.	er P = ⅓(7+14+21). ℭ derived from these hours.
620	Havana	MS. data supplied by Director, Obs. Meteor. del Colegio de Belen, Habana.	P, 1858-1925.	P, ℭ = mean of bi-hourly observations.

ZONE 6-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
620m	Key West	See No. 605.	P, T, 1873-1923. R, 1871-1922.	nq P, ☿ = ½(8+20) reduced to mean of 24 hrs.
621	Nassau, Bahamas	Bahamas Blue Book, 1927 and MS. data.	P, 45 yrs., 1871-1920. T,(Mar. to July; Oct. to Dec.) 43 yrs., 1874-1920. ☿, (Jan.,Feb.,Aug.,Sept.,Yr.) 1905-19. R, 55 yrs., 1855-1920.	n P = ½(8+15). ☿ (Mar. to July, Oct. to Dec.) derived from ½(M+m). ☿ (Jan.,Feb.,Aug., Sept.,Yr.) derived from ½(8+15).
622	Watling Island	MS. data at M.O.	P, ☿, 15 yrs., 1915-30.	kl P, ☿ (Jan. to May) = ¼(2+8+12+16+22). P, ☿ (June, Aug. to Dec.) = ¼(8+12+16+
633	Port Etienne	Dakar, Journal Offic. de l'Afrique occid. française, 1927.	..	e P = ⅓ (7+14+21). ☿ = ½(7+14+2x21).
634m	Izaña	Madrid, Res. Obs. efect. en las Estaciones del Servicio Meteor. Español, 1927.	P, T, R, 1916-25.	q P = ⅓(7+13+18). ☿ derived from these hou
634	La Laguna	Do. do.	P, 1911-25. T, 37 yrs. R, 35 yrs.	de P = ½(7+13+18).
636	Adrar	MS. data supplied by l'Office National Météor., Paris.	..	ce P, ☿ = ⅓(7+13+18). Mean temperatures obtained by this formula are about 2°. too high. "e" refers to July. ☿ = ⅓(7+13+18). Mean temperatures obtain
638	Laperrine	Do. do.	..	by this formula are about 1·5°A. too
641	Giarabub	Tripoli, Boll. Meteor. della Cirenaica, 1927.	..	d ..
642	Siwa	MS. data supplied by Phys. Dept., Cairo.	..	ac P = 8h.
643	Cairo (Helwan)	Do. do.	P, ☿, R, 1904-28.	c P = ½(8+14+20). ☿ derived from ½(8+14+20
643a	Aswan	Do. do.	P, ☿, 1901-25.	cf P = ⅓(8+14+20). ☿ = ½(8+14+20+m). No rain gauge as rainfall is practically unkno
644	Tor	Do. do.	P, ☿, 1905-30. R, 1919-29.	cf P = ⅓(8+14+20). ☿ = ½(8+14+20+m).
647	Bushire	MS. data supplied by India Meteor. Dept., Poona.	T, 43 yrs., 1876-1920. R, 44 yrs., 1876-1920.	a P (Jan. Feb.) = 12h.37m. P (Apr. to Dec. 14h. G.M.T. ☿ derived from ½(M+m).
648	Jask	Do. do.	T, 27 yrs., 1893-1920. R, 28 yrs., 1892-1920.	a P (Jan. Feb.) = 12h.9m. P (Apr. to Dec.) 14h. G.M.T. ☿ derived from ½(M+m).
649	Karachi	Calcutta, India Weather Review, 1927 and MS. data.	P, R, see current data. T, 1905-19.	aq P = 8h. ☿ derived from ½(M+m).
650	Jacobabad	Do. do.	P, R, see current data. T, 1878-1910.	aq Do. do.
651	Jaipur	Do. do.	P, ☿, R, see current data.	aq Do. do.
652	Nagpur	Do. do.	P, R, see current data. T, 1875-1920.	aq Do. do.
653	Allahabad	Do. do.	P, R, see current data. T, 1876-1920.	aq Do. do.
653a	Darjeeling	Do. do.	P, R, see current data. T, 1890-1910.	aq Do. do.
654	Calcutta	Do. do.	P, ☿, R, see current data.	aq Do. do.
655	Gauhati	Do. do.	P, R, see current data. T, 1902-20.	aq Do. do.
655m	Cherrapunji	Do. do.	P, R, see current data. T, 1902-20.	adq P = 8h.
655a	Akyab	Do. do.	P, R, see current data. T, 1878-1920.	aq P = 8h. ☿ derived from ½(M+m).
656	Mandalay	Do. do.	P, R, see current data. T, 1889-1910.	aq Do. do.
656a	Tengyueh	MS. data supplied by Chinese Maritime Customs.	T, R, 1914-28.	e P = mean of tri-hourly observations. ☿ derived from ½(M+m).
657	Phu Lien	MS. data supplied by l'Obs. Centr. de l'Indochine.	P, ☿, 1907-21. R, 1907-26.	P, ☿ = mean of bi-hourly observations.
658	Moncay	Do. do.	P, 1907-21. T, R, 1907-26.	c P = ½(10+15). ☿ derived from these hours
659	Hongkong	Hongkong, Royal Obs., Monthly Meteor. Bull., 1927.	P, ☿, R, 1884-1928.	P, ☿ = mean of 24 hrs.
661	Taihoku, Formosa	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1927.	P, ☿, R, 1897-1931.	e Do.
661a	Basco	Manila, Weather Bureau, Monthly Bull., 1927.	P, ☿, 25 yrs., 1903-28. R, 25 yrs., 1903-30.	P, ☿ = ⅛(2+6+10+14+18+22).
662	Naha	See No. 661.	P, ☿, R, 1891-1925.	e P, ☿ = mean of 24 hrs. Pressure values, Aug. to Dec., Yr., have been reduced to old height of 8·2m.
665	Titizima (Bonin Islands)	Do.	P, ☿, R, 25 yrs., 1906-31.	ce P, ☿ = ⅛(2+6+10+14+18+22).

ZONE 7. Table showing the Authorities for the Meteorology of the Globe between Latitude 20° and 10° N.

715	Colima	MS. data supplied by Director, Obs., Meteor., Tacubaya.	P, ☿, R, 10 yrs., 1917-28.	er P = ⅓(7+14+21). ☿ derived from these ho
716	Morelia	Do. do.	P, ☿, R, 10 yrs., 1917-28.	er Do. do.
717	Mexico, Tacubaya	Tacubaya, Servicio Meteor. Mexicano, Res. Mens., 1927.	P, 1917-31. ☿, 1900-14;'17-26. R, 1900-24.	q P, ☿ = mean of 24 hrs.
718	Salina Cruz	See No. 715.	P, ☿, 15 yrs., 1907-26. R, 1903-13; '16-29.	er P = ⅓(7+14+21). ☿ derived from these ho
719	San Salvador	San Salvador, Anales del Obs. Meteor, 1927.	P, 1911-25. ☿, R, 1912-26.	e P = ⅓(7+14+21). ☿ = ½(7+14+2x21).
720	Belize	MS. data at M.O.	P, ☿ (Jan. to May, July, Oct.,Nov.,Yr.) R, 1917-31. T, (June,Aug.,Sept.,Dec.) 1895-1905;'11-13.	acde P, ☿ (Jan.to May,July,Oct.,Nov.,Yr.) "a" refers to Dec. "d" refers to June Aug.,Sept.,Dec.
721	Jamaica (Negril Pt.)	Jamaica Blue Book, 1927.	P, T, 1898-1932. R, 1895-1929.	c P, ☿ = ½(7+15) reduced to mean of 24 hr
722	Port au Prince	Port-au-Prince,Bull. Ann. de l'Obs. Météor., 1927.	P, 1865-69;'88-1925. ☿, 1864-69;'88-1925. R, 49 yrs., 1863-1925.	ce P = ⅓(7+13+21). ☿ derived from ½(7+13+
723	Caracas	Caracas, Red. Meteor. de Venezuela, Res. de las Obs., 1927.	P, 1893-1927. ☿, 1895-1927. R, 1891-1925.	eq P = ½(10+16), 67½°W. meridian time, approximates to the mean of 24 hrs. ☿ = ½(6+12+18+ 24+h/2).
724	San Juan, Porto Rico	Washington, D.C., U.S. Dept. Agric. Rep. of Chief of Weather Bureau, 1926-7 and Monthly Weather Rev., 1927.	P, R, 1899-1928. T, 1898-1928.	nq P = ½(8+20) reduced to mean of 24 hrs. ☿ derived from ½(M+m).
724a	Grenada (Richmond Hill)	Grenada Govt. Gazette, 1927.	P, 1891-1925. T, 40 yrs., 1887-1929. R, 1891-1929.	e P = ½(9+18). ☿ derived from ½(M+m). A correction of -1·0mb. has been applied to the pressure values.
725	Barbados	Barbados Blue Book, 1927.	P, 1916-30. T, 17 yrs., 1912-29. R, 74 yrs., 1853-1929.	c P = ½(9+15). ☿ derived from ½(M+m).

ZONE 7-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
731	São Vicente, C. Verde Is.	MS. data supplied by Obs. Centr. Meteor., Lisbon.	P, R, 35 yrs., 1884-1921. ☿, 1901-25.	P = ⅓(9+15+21). ☿ = ½(9+21+M+m).
732	San Tiago, C. Verde Is.	Do. do.	P, 25 yrs., 1893-1921. T, 1890-1900; '04-27. R, 1888-1900;'04-25.	Do. do.
733	Dakar	Dakar, Service Météor., Journal Offic. de l'Afrique occid. française, and Obs. Météor. 1927.	T, R, 1899-1913.	e P = ⅓(7+14+21). ☿ = ½(7+14+2x21).
734	Bathurst (Cape St. Mary)	Gambia Blue Book, 1927.	T, 23 yrs., 1891-1925.	b ☿ derived from ½(M+m).
735	Niénébalé	Dakar, Journal Offic. de l'Afrique occid. française, 1927.	..	☿ derived from ⅓(7+14+21).
736	Timbuktu	MS. data supplied by l'Office National Météor., Paris.	T, 15 yrs., 1896-1917. R, 10 yrs., 1897-1924.	☿ (Mar.) derived from ½(M+m). ☿ (Apr. to Dec.) derived from ⅓(6+15+18).
737	Sokoto	MS. data at M.O.	T, 25 yrs., 1907-33. R, 1904-28.	☿ derived from ½(M+m).
738	Kaduna Capital	Do.	☿, 1917-31. R, 15 yrs., 1916-31.	e ☿ = 9h.
739	Hadeija	Do.	☿, 10 yrs., 1918-28. R, 25 yrs.,1904-30.	Do.
740	Maiduguri	Do.	T, 25 yrs., 1906-31. R, 1904-28.	☿ derived from ½(M+m).
741	El Fasher	MS. data supplied by Phys. Dept., Cairo.	R, 1917-26.	cg P = ⅓(8+14+20). ☿ = ½(8+14+20+m).
743	El Obeid	Do. do.	P, 1901-20. ☿, 1901-25. R, 1902-26.	cg Do. do.
743a	Khartoum	Do. do.	P, 1903-27. ☿, 1901-25. R, 1899-1923.	c P = ⅓(8+14+20). ☿ derived from ½(8+14+20+m).
744	Port Sudan	Do. do.	P, ☿, 1905-30. R, 1906-29.	cg P = ⅓(8+14+20). ☿ = ½(8+14+20+m).
745	Berbera, Somaliland	MS. data at M.O.	P, 21 yrs., 1908-30. T, 1908-32. R, 1906-30.	ce P = ⅓(8+14+20). ☿ = ½(8+20+M+m).
746	Aden	Calcutta, India Weather Review, 1927 and MS. data.	P, R, see current data. T, 39 yrs., 1880-1920.	aq P = 8h. ☿ derived from ½(M+m).
751	Bombay	Calcutta, India Weather Review, 1927, Bombay Magn. Meteor. and Seism. Obs. 1927 and MS. data.	P, R, see current data. T, 1878-1920.	aq P = 8h. ☿ = mean of 24 hrs.
752	Kodaikanal	See No. 746.	P, R, see current data. T, 21 yrs., 1899-1920.	aq P = 8h. ☿ derived from ½(M+m).
752a	Bangalore	Do.	P, ☿, R, see current data.	aq Do. do.
753	Madras	Do.	P, ☿, R, see current data.	aq Do. do.
754	Vizagapatam	Do.	P, R, see current data. T, 15 yrs., 1888-1921.	aq Do. do.
755	Port Blair	Do.	P, R, see current data. T, 1867-1920.	aq Do. do.
756	Rangoon	Do.	P, R, see current data. T, 1876-1920.	aq Do. do.
757	Saigon	MS. data supplied by l'Obs. Centr. de l'Indochine.	P, 15 yrs., 1907-22. T, 1907-09;'11-26. R, 1907-26.	cd P = ½(10+16).
758	Nhatrang	Do. do.	P, 1907-21. T, R, 1907-26.	cd Do.
759	Bolinao	Manila, Weather Bureau, Monthly Bull., 1927 and MS. data.	P, ☿, 15 yrs., 1902-20. R, 35 yrs., 1886-1928.	c P = ½(6+14). ☿ derived from these hours.
761	Vigan	Manila, Weather Bureau, Monthly Bull., 1927.	P, ☿, 25 yrs., 1902-28. R, 35 yrs., 1887-1929.	c P, ☿ = ½(2+6+10+14+18+22).
761a	Manila	Do. do.	P, 1887-1922. ☿, 1885-1928. R, 1865-1928.	P, ☿ = mean of 24 hrs.
762	Ormoc	See No. 759.	P, ☿, 1902-05;'07-27. R, 1902-26.	c P = ⅓(6+14). ☿ derived from these house.
765	Guam, Ladrone Is.	Do.	P, 1907-21. ☿, 1906-20. R, 1906-30.	P = ⅓(6+14) 120°E. meridian time. ☿ derived from these hours.

Table showing the Authorities for the Meteorology of the Globe between Latitude 10°N. and 0°. ZONE 8.

805	Fanning Island	MS. data at M.O.	P, 10 yrs., 1921-32. ☿ (Jan.to June, Sept.,Oct.,Dec.) 15 yrs., 1904-24. T, (Nov.) 15 yrs., 1904-19. R, 25 yrs., 1903-30.	de P, ☿ (Jan. to June,Sept.,Oct.,Dec.) = 9h. "d" refers to Nov.
821	Cristobal (Colon)	Balboa Heights, Panama Canal Section of Meteor. and Hydrogr., Monthly Meteor. Rep., 1927.	P, 1908-32. T, 25 yrs., 1881-1925. R, 1863-74;'81-87;'89-1923.	P reduced to mean of 24 hrs. ☿ = mean of bi-hourly observations.
822	Bogota	Bogotá, Anales del Obs. Nat. de San Bartolomé, 1927.	R, 1866-85;'94-1923.	P = ⅛ (6+8+10+12+14+16+18+20). ☿ = ⅛ (6+8+10+12+14+16+18+20+2m).
822a	Merida, Venez.	Caracas, Red. Meteor. de Venezuela, Res.de las Obs.,1927.	P, T, R, 1915-24.	q P = ½(10+16). ☿ derived from ½(M+m). Pressure appears too high by about 6mb.
823	Ciudad Bolivar	Do. do.	T, 10 yrs., 1917-28. R, 1917-26.	de P = ½(10+16).
824	El Peru, Guayanavieja	MS. data at M.O.	P, 15 yrs., 1910-26. T, 15 yrs., 1910-28. R, 15 yrs., 1910-25.	de P = 7½h. approx.
825	Georgetown, Brit. Guiana	British Guiana Blue Book, 1927.	P, 1887-1929. T, 1846-56;'87-1929. R, 1894-1928.	P = ½(7+13+18). ☿ derived from these hours.
826	Paramaribo	De Bilt, K. Ned. Meteor. Inst., Meteor. Obs. Netherlands, West Indies, 1919-28 and MS. data.	P, 1876-1915. ☿, 1899-1928. R, 1847-54;'64-1925.	Min. temp. refers to period 18h. to 7h. a P = ⅓(8+14+18). ☿ derived from these hours.
826a	Cayenne	MS. data supplied by l'Office National Météor., Paris.	T, 35 yrs., 1890-1927. R, 1859-99; 1903-12.	☿ derived from ½(M+m). Max. temp. refers to period 9h. to 16h. and min. to 16h. to 9h.
831	10°-5°N. 30°-25°W.	MS. data supplied by Meteor. Inst., Copenhagen; Meteor. Inst. De Bilt; Deutsche Seewarte, Hamburg; Meteor. Office, London; and Weather Bureau, U.S. Dept. Agric., Washington, D.C.	P, ☿, Sea Temperature (Jan.,Feb.,Dec.) 1870-1914;'22-26. (Mar. to May) 1856-1919;'22-26. (June to Nov.) 1870-1926.	P, ☿, Sea Temp. = ½(8+20).
832	Konakri	Dakar,Journal Offic. de l'Afrique Occid. française, 1927.	P, (1877-1920). T, 10 yrs., 1905-16. R, 15 yrs., 1904-22.	e P = ⅓(7+14+21). ☿ = ½(7+14+2x21).
834	Freetown, Sierra Leone	MS. data at M.O.	P, 41 yrs., 1877-1920. T, 43 yrs., 1874-1920. R, 1874-1920.	e P = ½(9+17). ☿ = ½(17+M+2m).
835	Assuantsi	Do. do.	T, 1921-31. R, 19 yrs.	d ..
836	Accra	Do. do.	P, 1921-31. T, 25 yrs., 1888-1931. R, 41 yrs.	de P = 9h.

ZONE 8-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
837	Lagos	MS. data at M.O.	P, R, 35 yrs., 1891-1926. T, 35 yrs., 1891-1927.	e P = ½(9+15). ℃ = ½(9+2x15+2m).
838	Victoria, Nigeria	Nigeria Blue Book, 1927.	R, 1922-31.	..
839	Yola	MS. data at M.O.	T, (Jan.to Mar., May to Dec.), 15 yrs., 1904-19. ℃ (Apr.,Yr.) 1915-24. R, 1904-28.	℃ (Jan. to Mar., May to Dec.) derived from ½(M+m). ℃ (Apr.,Yr.) = 9h.
841	Wau	MS. data supplied by Phys. Dept.,Cairo.	℃, 25 yrs., 1902-27. R, 1904-28.	
843	Malakal (Kodok)	Do. do.	P, R, 15 yrs. ℃, 10 yrs.	g ℃ = ¼(8+14+20+m).
843a	Mongalla	Do. do.	P, R, 1903-27. ℃, 1903-20.	g P = ⅓(8+14+20). ℃ = ¼(8+14+20+m).
844	Entebbe	MS. data at M.O.	P, 1904-28. ℃, 25 yrs., 1901-26. R, 35 yrs., 1896-1931.	gq Do. do.
851	Minicoy	Calcutta, India Weather Review 1927 and MS. data.	P, R, see current data.	eq P = ⅓(7+14+21). ℃ derived from ¼(7+14+2x21).
851a	Cochin	Do. do.	P, R, see current data. T, 1875-1920.	aeq P = 8h. ℃ derived from ½(M+m).
852	Colombo Observatory	Ceylon Govt. Gazette, Suppl. 1927 and Blue Book 1927.	P, T, R, 1869-1920.	aq Do. do. P = ½(9½+15½). ℃ derived from ½(M+m).
853	Nuwara Eliya	Do. do.	T, 1869-77; '80-1920. R, 1869-1920.	℃ derived from ½(M+m).
854	Trincomalee	Do. do.	P, T, R, 1869-1920.	P = ½(9½+15½). ℃ derived from ½(M+m).
855	Kuta Raja	Batavia, Obs. Secondary Stations, Netherlands East-India, 1927 and Batavia Regenw. Nederlandsch-Indië, 1927.	P, 1910-24. R, 1879-1928.	P reduced to mean of 24 hrs.
856	Medan	Do. do.	P, 1908; '10-23. ℃, 15 yrs., 1913-28. R, 1879-1928.	t P reduced to mean of 24 hrs. ℃ = mean of bi-hourly observations.
857	Penang	Straits Settlements, Meteor. Obs.,1927.	P, 1882-1916. T, 1882-1920. R, 1883-1917.	cde P = ⅓(9+15+21).
858	Singapore	Do. do.	P, 1898-1922. T, 1898-1932. R, 1869-1920.	cde Do.
859	Sandakan	MS. data at M.O.	T, R, 1879-95; 1904-29.	℃ = ¼(9+15+2x21).
860	Iwahig	Manila, Weather Bureau, Monthly Bull., 1927 and MS. data.	P, 1914-23. ℃, 10 yrs., 1914-24. R, 15 yrs., 1914-29.	c P = ¼(6+14). ℃ derived from these hours.
861	Tagbilaran	Manila, Weather Bureau, Monthly Bull., 1927.	P, ℃, 25 yrs., 1902-28. R, 1903-27.	c P, ℃ = ⅛(2+6+10+14+18+22).
861a	Menado	See No. 855.	P, 15 yrs., 1905-21. ℃, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ℃ = mean of bi-hourly observations.
862	Surigao.	See No. 861.	P, 25 yrs., 1902-28. ℃, 25 yrs., 1902-29. R, 25 yrs., 1902-27.	c P, ℃ = ⅛(2+6+10+14+18+22).
863	Kolonie, Yap	Do.	P, 15 yrs., 1907-22. ℃, (Jan.to Aug., Nov.,Dec.) 15 yrs., 1906-22. T, (Sept.,Oct.,Yr.) 22 yrs., 1906-30. R, 25 yrs., 1905-31.	P, ℃ = ⅛(2+6+10+14+18+22) 120°E. meridian time.

ZONE 9. Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
924	Manaos	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	℃, 1915-24. R, 25 yrs., 1902-28.	℃ = ¼(7+14+2x21).
926	Taperinha	Do. do.	P, ℃, R, 1914-23.	P = ⅓(7+14+21). ℃ = ¼(7+14+2x21).
927	Turyassu	Do. do.	P, R, 15 yrs., 1912-27. ℃, 1912-26.	q Do. do.
928	Barra do Corda	Do. do.	P, R, 15 yrs., 1912-28. ℃, 1912-26.	q Do. do.
929	Quixeramobim	Do. do.	P, 1897-1924. ℃, R, 1896-1920.	q P = ⅓(7+14+21). ℃ derived from ¼(7+14+2x21).
930	Fernando Noronha	Do. do.	P, T, 1911-20; '22-26. R, 15 yrs., 1911-27.	q P = ⅓(7+14+21). ℃ = ¼(7+14+2x21).
930a	5°-10°S. 35°-30°W.	Do. do.	Sea Temperature 1855-99. Marine Observer, Vol. IV, 1927.	..
930b	0°-5°S. 35°-30°W.	Do. do.	Do. do.	..
934	Ascension Island	MS. data at M.O.	P, 10 yrs., 1854-65; 1923-28. ℃, 15 yrs., 1854-65; 1917-32. R, 25 yrs., 1854-65; '99-1928.	e P = ½(9+21). ℃ derived from these hours.
939	Loanda	Loanda, Resumo das Observacões Meteor.....de Angola, Boletin Oficial, 1927.	P, 41 yrs., 1879-1925. ℃, 42 yrs., 1879-1925. R, 1879-1925.	P, ℃ = mean of 24 hrs.
940	Brazzaville	..	..	..
943	Masaka	MS. data at M.O.	℃, 15 yrs., 1903-23. R, 25 yrs., 1902-27.	℃ = ¼(7+14+2x21).
944	Nairobi (Dept. Agric.)	MS. data supplied by Brit. E. Africa Meteor. Service.	R, 1914; '17-25.	b ..
944a	Zanzibar	Calcutta, India Weather Review, 1927 and MS. data.	P, R, see current data. T, 1891-1920.	aq P = 8h. ℃ derived from ½(M+m).
945	Lamu	See No. 944.	T, 15 yrs., 1911-28. R, 25 yrs., 1894-1925.	bd ..
947	Seychelles, Port Office	See No. 944a.	P, see current data. T, 1894-1920. R, 1891-1920.	q P = ½(10+16) reduced to mean of 24 hrs. ℃ derived from ½(M+m).
957	Padang	Batavia, Obs. Secondary Stations, Netherlands East-India, 1927 and Batavia, Regenw. Nederlandsch-Indië, 1927.	P, 1908-22. ℃, 1913-18; '27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ℃ = mean of bi-hourly observations.
958	Batavia	Batavia, Obs. R. Magn. and Meteor. Obsy., 1927 and Batavia, Regenw. Nederlandsch-Indië, 1927.	P, ℃, 1866-1923. R, 1864-1923.	e P, ℃ = mean of 24 hrs.
958a	Pontianak	See No. 957.	P, 1906-30. ℃, 10 yrs., 1912-18; '27-30. R, 1879-1928.	t P reduced to mean of 24 hrs. ℃ = mean of bi-hourly observations.
959	Pasuruan	Batavia, Obs.Secondary Stations,Netherlands East-India, 1927, Batavia, Regenw. Nederlandsch-Indië, 1927 and MS. data.	P, ℃, 1901-25. R, 1879-1928.	t Do. do.
960	Kajoemas	Batavia,Regenw.Nederlandsch-Indië,1927.	R, 1888-1928.	..

ZONE 9-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
962	Amboina	See No. 957.	P, 1906-30. ℃, 15 yrs., 1912-27. R, 1879-1928.	t P reduced to mean of 24 hrs. ℃ = mean of bi-hourly observations.
963	Manokwari		R, 27 yrs., 1900-28.	..
965	Daru	See No. 960.	P, 18 yrs., 1894-1922. T, 25 yrs., 1897-1933. R, 35 yrs., 1894-1933.	d P = 9h.
966	Port Moresby	Port Moresby, Papua Govt. Gazette, 1927-8. Do. do.	P, 35 yrs., 1891-1933. T, (Jan.to Oct.) 25 yrs., 1891-1923. ℃, (Nov.,Dec.,Yr.) 24 yrs., 1892-1924. R, 38yrs., 1891-1930.	d P, ℃ (Nov.,Dec.,Yr.) = 9h. "d" refers to Jan. to Oct.
967	Rabaul	MS. data supplied by Meteor. Bureau, Melbourne.	P, T, R 1916-31.	d P = ¼(9+15).
969	Tulagi, Brit. Solomon Is.	MS. data at M.O.	T, 25 yrs., 1907-32. R, 35 yrs., 1898-1933.	℃ derived from ½(M+m). Pressure appears unreliable.
970	Ocean Island	Do.	P, 25 yrs., 1905-31. T, 25 yrs., 1905-30. R, 1905-29.	e P = ½(8+20). ℃ derived from ½(M+m).

Table showing the Authorities for the Meteorology of the Globe between Latitude 10° S. and 20° S. ZONE 10.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
1002	Apia, Samoa	Wellington, Rep. for Apia Obsy.,Samoa, 1927 and MS. data.	P, 1890-1930. ℃, 1911-30. R, 1890-1924.	P, ℃ = mean of 24 hrs.
1003	Alofi, Niue Island	MS. data supplied by Meteor. Office, Wellington, N.Z.	P, 10 yrs., 1907-14; '26-28. T, 15 yrs., 1907-22. R, 25 yrs., 1905-31.	a P = 9h. ℃ derived from ½(M+m).
1022	Tacna	Santiago, Publ. Inst. Meteor. de Chile, No. 40, Anuario, 1927.	℃, R, 1919-28.	℃ derived from ¼(7+14+2x21).
1025	Corumba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, R, 15 yrs., 1912-27. T, 10 yrs., 1913-27.	q P = ⅓(7+14+21). ℃ = ¼(7+14+2x21).
1026	Cuyaba	Do. do.	P, T, R 1901-25.	q Do. do.
1027	Bello Horizonte	Do. do.	P, 15 yrs., 1910-26. ℃, 1910-24. R, 15 yrs., 1910-25.	q Do. do.
1028	Castite		P, R, 15 yrs., 1909-26. ℃, 1912-26.	q Do. do.
1029	Ondina (Bahia)	Do. do. Do. do.	P, 15 yrs., 1909-26. ℃, 1911-25. R, 35 yrs., 1880-1929.	q Do. do.
1030	Aracaju		..	..
1030a	15°-20°S. 40°-35°W.	Do. do. Do. do.	Sea Temperature 1855-99. Marine Observer, vol. IV, 1927.	℃ = ¼(7+14+2x21).
1030b	10°-15°S. 40°-35°W.		Do. do.	..
1035	St. Helena	Do. do.	P, 1892-1920. T, 1892-1922.	eq P = 6½h. ℃ derived from 6½h.
1039	Mossamedes	MS. data at M.O.	℃, 10 yrs., 1913-1925.	℃ = ¼(9+21+M+m).
1041	Livingstone	Loanda, Resumo das Observacões Meteor. .....de Angola, Boletim Oficial,1927.	..	..
1041a	Elisabethville	Northern Rhodesia Meteor. Rep. 1926-7 and 1927-8 and MS. data at M.O.	P, 10 yrs., 1912-26. T, 1912-21. R, 1912-26.	ce P = ½(8+18).
1042	Gwelo	MS. data supplied by Ministère des Colonies, Bruxelles.	T, R, 1907-31.	e P = 8h.
1043	Salisbury (Dept. Agric.)	MS. data at M.O.	P, 1921-31. T, 1897-1931. R, 1896-1930.	..
1044	Zomba	Do.	P, 1908-32. ℃ (Jan. to Mar.,Yr.). 1919-28. T (Apr.to Dec.). R, 1892-1926.	eq P, ℃ = mean of 24 hrs.
1045		Nyasaland Govt. Gazette, 1927.	..	e P, ℃ (Jan. to Mar.,Yr.) = ½(9+21). ℃ (Apr. to Dec.) derived from these hours.
1046	Monsuril	..	P, ℃, 1890-1923. R, 1890-1924.	..
1055	Antananarivo	MS. data supplied by Director l'Observatoire de Tananarive.	P, T, 1905-30. R, 1904-30.	eq P, ℃ = mean of 24 hrs.
1057	Cocos, Keeling Is.	MS. data supplied by Meteor. Bureau. Melbourne.	P, T, R, 1902-26.	d P = 9h.
1061	Christmas Island	MS. data at M.O.	P, 15 yrs., 1910-25. ℃, 15 yrs., 1912-27. R, 1879-1928.	e P = ½(9+21). ℃ = ½(9+21+M+m).
1061a	Kupang	Batavia, Obs. Secondary Stations, Netherlands East-India, 1927 and Batavia, Regenw. Nederlandsch-Indië, 1927.		t P reduced to mean of 24 hrs. ℃ = mean of bi-hourly observations.
1062	Derby	See No. 1055.	P, T, 1897-1921. R, 1886-1920.	P = ½(9+15).
1063	Hall's Creek	Do.	P, 1901-25. T, 1899-1923. R, 1891-1925.	P = ½(9+15). ℃ derived from ½(M+m).
1064	Darwin	Do.	P, 1882-1930. T, 1882-1924. R, 1870-1924.	Do. do.
1065	Daly Waters	Do.	P, 1881-1919. T, 1886-1920. R, 1873-1919.	Do. do.
1066	Main	Do.	P, 1906-20. T, 1907-21. R, 41 yrs., 1887-1929.	d P = ½(9+15).
1066a	Georgetown, Queensland	Do.	P, 1910-24. T, 1907-21. R, 1872-1932.	Do.
1067	Willis Island	Do.	..	P = ½(9+15). ℃ = ⅓(9+15+21).
1072	Samarai	Do.	P, 15 yrs., 1904-24. T, 15 yrs., 1904-23. R, 25 yrs., 1891-1930.	P = 9h. ℃ derived from ½(M+m).
	Suva, Fiji	Port Moresby, Papua Govt. Gazette, 1927-8.	P, T, R, 1886-1928.	ce P = ¼(8½+15½). ℃ derived from ½(M+m).
		MS. data at M.O.		

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S. ZONE 11.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
1105	Rarotonga (Avarua)	MS. data supplied by Meteor. Office, Wellington, N.Z.	T, 25 yrs., 1899-1926. R, 1899-1925.	a ℃ derived from ½(M+m).
1121	Punta Tortuga, Coquimbo	Santiago, Publ. Inst. Meteor. de Chile, No. 40, Anuario, 1927.	P, 35 yrs., 1870-1930. ℃, 1899-1908; '10-24. R, 1900-24.	e P = ⅓(7+14+21). ℃ derived from ¼(7+14+2x21).
1122	Iquique	Do. do.	P, 25 yrs., 1886; '99-1927. ℃, 1900-24. R, 1886; '99-1908; '11-24.	e Do. do.
1123	Catamarca	Buenos Aires, Anales Dirección Meteor., XVIII, Vol. 2.	P, 1901-25. ℃, 1904-28. R, 1902-26.	ce P, ℃ = ⅛(8+14+20) reduced to mean of 24 hrs.
1124	Salta	Do. do.	P, ℃, R, 1901-25.	ceq Do. do.
1125	Goya	Do. do.	P, ℃, R, 1877-1924.	ce Do. do.

ZONE 11-continued.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
1126	Asuncion	MS. data supplied by Dirección Meteor. Buenos Aires.	P, 28 yrs., 1893-1924. ℃, 1892-1911; '17-21. R, 40 yrs.	c P, ℃ = ⅓(8+14+20) reduced to mean of 24 hrs.
1127	Curityba	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	P, 38 yrs., 1885-1924. ℃, 1885-1916; '20-22. R, 1885-1917; '20-25.	q P = ⅓(7+14+21). ℃ = ¼(7+14+2x21).
1128	Rio de Janeiro	Do. do.	P, R, 1851-1925. ℃, 1871-1925.	
1128a	25°-30°S. 50°-45°W.	Do. do.	Sea Temperature, 1855-99. Marine Observer, Vol. IV, 1927.	P, ℃ = mean of 24 hrs.
1128b	20°-25°S. 45°-40°W.	Do. do.	Do. do.	..
1139	Windhoek	MS. data supplied by Meteorological Assistant, Windhoek.	T, 15 yrs., 1901-23. R, 35 yrs.	eu P = 8½h.. ℃ = ¼(8½+14½+20½+m).
1140	O'Okiep	Pretoria, Meteor. Office Report, 1927 and MS. data.	P, 1900-24. T, 25 yrs., 1900-25. R, 1882-1924.	equ P = 8½h. ℃ derived from ½(M+m).
1141	Kimberley	MS. data supplied by Dr. J.R. Sutton.	P, 35 yrs., 1895-1930. ℃ (Jan. to Sept., Nov.,Dec.) 1897-1923. T (Oct.,Yr.) 1894-1923. R, 1894-1928.	ceq P = ⅓(8½+14½+20½). ℃ = mean of 24 hrs.
1141a	Johannesburg	See No. 1140.	P, T, 1904-28. R, 1888-1924.	ceq P = 8½h. ℃ derived from ½(M+m).
1142	Bulawayo	MS. data at M.O.	P, T, R, 1897-1931.	ceq P = 8h. ℃ derived from ⅓(M+m).
1143	Durban	See No. 1140.	P, 1884-1920. T, 1885-1920. R, 1873-1920.	ce P = 8½h. ℃ derived from ½(M+m).
1144	Lourenço Marques	Lourenço Marques, Relatório.Observatório Campos Rodrigues, 1927.	P, ℃, R, 15 yrs.	P, ℃ = mean of 24 hrs.
1147	Mauritius	Mauritius, Results of Meteor. Obs., 1927 at Royal Alfred Observatory.	P, ℃, R, 1861-1919.	e Do.
1159	Onslow	MS. data supplied by Meteor. Bureau, Melbourne.	P, T, 1897-1921. R, 1886-1920.	P = ½(9+15).
1160	Cue	Do. do.	P, T, 1897-1926. R, 1895-1926.	Do.
1161	Nullagine	Do. do.	P, 1900-24. T, 1899-1923. R, 1898-1922.	Do.
1162	Laverton	Do. do.	P, T, 1901-25. R, 1900-24.	P = ½(9+15). ℃ derived from ½(M+m).
1163	Alice Springs	Do. do.	P, 1885-1923. T, 1879-1924. R, 1873-1924.	q Do. do.
1164	William Creek	Do. do.	P, T, 1889-1923. R, 1874-1919.	Do. do.
1164a	Boulia	Do. do.	P, 1900-24. T, 1898-1922. R, 1886-1932.	Do. do.
1165	Thargomindah	Do. do.	P, T, 1910-24. R, 1879-1932.	Do. do.
1166	Mitchell	Do. do.	P, 1910-14; '18-27. T, 1907-21. R, 1884-1932.	P = ½(9+15).
1167	Rockhampton	Do. do.	P, 1889-1923. T, 1898-1922. R, 1871-1932.	Do.
1168	Brisbane	Do. do.	P, T, 41 yrs. R, 83 yrs., 1840-1932.	P = ½(9+15). ℃ = ¼(9+15+21+m).
1170	Norfolk Island	Do. do.	P, 15 yrs., 1908-27. T, 15 yrs., 1878-84; 1915-27. R, 1887-1912; '15-23.	P = 9h.

ZONE 12. Between Latitude 30° S. and 40° S.

1221	Juan Fernandez	Santiago, Publ. Inst. Meteor. de Chile, No. 40, Anuario, 1927.	..	e P = ⅓(7+14+21). ℃ derived from (7+14+2x21).
1221a	Punta Tumbes	Do. do.	P, T, R, 1901-25.	e Do. do.
1222	Punta Angeles, Valparaiso	Do. do.	P, R, 35 yrs., 1869-1928. ℃, 1899-1908; '11-25.	e Do. do.
1222a	Santiago	Do. do.	P, 1861-1921. ℃, 1860-1921. R, 1867-1921.	e Do. do.
1223	Cordoba	Cordoba, Oficina Meteor. Nacional, Sinopsis del Tiempo, 1927.	P, ℃, R, 1873-1924.	e P, ℃ = mean of 24 hrs.
1224	Bahia Blanca	Buenos Aires, Anales Dirección Meteor., XVIII, Vol. 2.	P, ℃, 1860-83; '96-1924. R, 1860-83; '85-1924.	P, ℃ = ⅓(8+14+20) reduced to mean of 24 hrs.
1225	Buenos Aires (Chacarita)	Do. do.	P, 1858-1924. ℃, 1856-1924. R, 1861-1924.	P, ℃ = mean of 24 hrs.
1226	Montevideo (Obs. Central)	Montevideo, Inst. Meteor. Nacional, Datos, 1927.	P, ℃, R, 1906-28.	P = ⅓(7+14+21). ℃ = ⅕(7+14+21+M+m).
1226a	Porto Alegre	Porto Alegre, Inst. Astr. e Meteor., Bol. Ann., 1927.	P, ℃, R, 1910-24.	e P, ℃ = mean of 24 hrs.
1226b	30°-35°S. 55°-50°W.	MS. data supplied by Directoria de Meteorologia, Rio de Janeiro.	Sea Temperature, 1855-99, Marine Observer, Vol. IV, 1927.	..
1239	Cape Town	Pretoria, Meteor. Office Report, 1927.	P, R, 1841-1928. T, 1857-1924.	eu P = ⅓(8½+12½+20½). ℃ derived from ½(M+m).
1240	Danger Point	Pretoria, Meteor. Office Report, 1927 and MS. data.	P, 10 yrs., 1918-28. T, 15 yrs., 1910-27. R, 25 yrs.	eu P = 8½h.
1241	Riversdale	Do. do.	T, 10 yrs., 1918-28. R, 49 yrs.	..
1242	East London	Do. do.	P, 1870-1904. T, 1881-1906; '10-19. R, 35 yrs., 1877-1914.	ce P = 8½h.
1259	Perth (Observatory)	MS. data supplied by Meteor. Bureau, Melbourne.	P, 43 yrs. T, 31 yrs. R, 52 yrs.	P = ½(9+15). ℃ derived from ½(M+m).
1260	Katanning	Do. do.	P, T, 1897-1921. R, 1892-1926.	P = ½(9+15).
1261	Coolgardie	Do. do.	P, T, 1897-1921. R, 1893-1927.	P = ½(9+15). ℃ derived from ½(M+m).
1262	Eucla	Do. do.	P, 1879-1918. T, 1878-1919. R, 1876-1919.	Do. do.
1263	Streaky Bay	Do. do.	P, 1890-1924. T, 1891-1925. R, 1878-1919.	Do. do.
1264	Adelaide	Do. do.	P, T, 71 yrs. R, 89 yrs.	Do. do.
1265	Melbourne	Do. do.	P, 70 yrs. T, R, 72 yrs.	P = mean of 24 hrs. ℃ derived from ½(M+m).
1266	Bourke	Do. do.	P, 1907-29. T, 1874-1918. R, 1873-1919.	P = ⅓(9+15).
1267	Sydney	Do. do.	P, T, R, 69 yrs.	P = ½(9+15). ℃ = ¼(9+15+21+m).
1268	Lord Howe Island	Do. do.	P, 1914-28. T, 1913-21; '23-28. R, 1897-1912; '15-23.	P = 9h.
1271	Auckland	Wellington, Statistics of New Zealand, Meteor., 1927.	P, 33 yrs., 1863-82; 1916-30. T, 1864-1923. R, 77 yrs.	a Do.
1272	Napier	Do. do.	T, 34 yrs. R, 52 yrs.	a ..

Table showing the Authorities for the Meteorology of the Globe between Latitude 40° S. and 50° S.

ZONE 13.

No.	Name of Station	Authority for Current Data	Period of Normals	Remarks For explanation see page 116
1301	Chatham Island	..	..	..
1321	Isla Guafo	Santiago, Publ. Inst. Meteor. de Chile, No. 40, Anuario, 1927.	P, R, 1908-22. ℃, 1911-25.	e P = ⅓(7+14+21). ℃ derived from ¼(7+14+2x21).
1322	Punta Galera	Do. do.	P, T, R, 1899-1923.	e Do. do.
1323	Sarmiento	Buenos Aires, Anales Dirección Meteor., XVIII, Vol. 2.	P, 25 yrs., 1903-28. ℃, R, 1903-27.	e P, ℃ = ⅓(8+14+20) reduced to mean of 24 hrs.
1324	Puerto Madryn	Do. do.	P, 19 yrs., 1902-24. ℃, 1901-25. R, 25 yrs., 1902-28.	e Do. do.
1365	Launceston	MS. data supplied by Meteor. Bureau, Melbourne.	P, 1905-19. T, 1891-1925. R, 1886-1920.	P = ½(9+15). ℃ derived from ½(M+m).
1366	Hobart	Do. do.	P, 43 yrs. T, 57 yrs. R, 85 yrs.	Do. do.
1370	Invercargill	Wellington, Statistics of New Zealand, Meteor., 1927.	T, 20 yrs. R, 36 yrs.	a ..
1371	Dunedin	Do. do.	P, 1913-30. T, 66 yrs. R, 73 yrs.	a P = 9h.
1371m	Christchurch	Do. do.	P, 1864-80; 1905-30. T, 42 yrs. R, 53 yrs.	a P = 9½h.
1372	Wellington	Wellington, New Zealand Govt. Gazette, 1927-8.	P, 65 yrs., 1864-1930. T, 66 yrs. R, 1862-1923.	P = 9h.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. de Chile, No. 40, Anuario, 1927.	P, R, 1899-1923. ℃, 1899-1908; '10-24.	e P = ⅓(7+14+21). ℃ derived from ¼(7+14+2x21).
1422	Puerto de Punta Arenas	Do. do.	P, 1889-1924. ℃, R, 1888-1924.	e Do. do.
1423	Punta Dungeness	Do. do.	P, ℃, 25 yrs., 1900-26. R, 25 yrs., 1903-29.	e Do. do.
1424	Santa Cruz	Buenos Aires, Anales Dirección Meteor., XVIII, Vol. 2.	P, 1903-09; '11-24. ℃, 1901-25. R, 25 yrs., 1896-1925.	e P, ℃ = ⅓(8+14+20) reduced to mean of 24 hrs.
1425	Stanley, Falkland Is.	MS. data at M.O.	P, 10 yrs., 1875-77; 1922-29. T, 15 yrs., 1874-83; 1922-30. R, 35 yrs., 1874-91; 1904-33.	P = 9h.
1426	Cape Pembroke	Do.	P, 1895-1929. ℃, 35 yrs., 1895-1930.	e P, ℃ = ¼(4+8+12+16+20+24). No rain gauge.
1429	S. Georgia (Cumberland Bay)	Do.	P, 25 yrs., 1906-32. ℃, 1905-30. R, 25 yrs., 1906-31.	e P = ⅓(8+14+20). ℃ derived from these hours.

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	Buenos Aires, Anales Dirección Meteor., XVIII, Vol. 2.	P, ℃, 1903-27. R, 17 yrs., 1904-23.	P, ℃ = mean of 24 hrs.

NOTES, pages 105-114.

Unless otherwise stated the hours of observation refer to Local Mean Time.

a. Maximum thermometer read at hour of morning observation and entered to day of reading.
b. Maximum and minimum temperatures from whole degrees Fahrenheit.
c. International Zone Time.
d. $\mathbb{T}$ derived from table below.
e. M.S.L. reduction applied in M.O.
f. At Cairo, mean temperatures obtained by this formula are 0.7°A too low.
g. At Khartoum, mean temperatures obtained by this formula are 1.0°A too low.
h. At Quixeramobim, mean temperatures obtained by this formula are 0.6°A too low.
k. Absolute maximum taken from observations at fixed hours.
l. Absolute minimum taken from observations at fixed hours.
n. 75° W. meridian time
q. Pressure differences from normal refer to station level values.
r. 105° W. meridian time.
u. 30°E. meridian time.

Normals for which the period is enclosed in brackets have been computed by comparison with neighbouring stations.

The statement that $\mathbb{T}$ is derived from a certain combination means that a correction has been applied to the values given by this combination to obtain the approximate true mean temperature.

Summary of Wind within the Tropics.—The information is extracted from MS. data at M.O.

REDUCTION TO TRUE MEAN TEMPERATURE

The following references give the more important authorities for the corrections which have been applied to reduce the temperatures, either means of observations at fixed hours or means of maxima and minima, to true mean.

General.—Brooks, C. E. P. True mean temperature. Washington, Monthly Weather Rev., 49, 1921, p. 226.

Greenland, Iceland.—Copenhagen, Institut Météor., Moyennes et extrêmes météor. . . . des Iles Féroe, de l'Islande et du Groënland. Copenhagen, 1899.

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Sweden.—Ekholm, N., Calcul de la température moyenne mensuelle de l'air aux stations météor. suédoises. Uppsala, 1916.

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Portugal (Lisbon).—J. d'Almeida Lima, O clima de Portugal Continental. Lisbon, 1922.

Italy.—Eredia, F., Il clima di Roma. Rome, 1911.

Greece (Athens).—Athens, Observatoire National, Annales.

Africa.—Brooks, C. E. P. The Reduction of Temperature Observations to Mean of 24 Hours, and the Elucidation of the Diurnal Variation in the Continent of Africa. London, Q.J.R. Meteor. Soc., 43, 1917, p. 375.

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India.—Calcutta, Meteorological Office, Indian Meteorological Memoirs, vol. xvii. Calcutta, 1904.

Tropics.—Hann, J. von, Die tägliche Gang der Temperatur in der inneren Tropenzone; Die tägliche Gang der Temperatur in der äusseren Tropenzone. 3 vols. Vienna, 1905, 1906, 1907.

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South Georgia.—Internationale Polarforschung, 1882-3. Die Beobachtungs-Ergebnisse der Deutschen Stationen; Süd-Georgien. Berlin, 1886.

The following table gives approximate corrections for the limits 30° N. to 30° S. to reduce $\frac{1}{2}(M+m)$ to true mean temperature ($\mathbb{T}$), taking into consideration the height and the daily range ($M-m$). It can be applied in cases where no other correction is available, and has been so used in the tables in this issue.

Daily Range	Height in Metres.							
	0	500	1000	1500	2000	2500	3000	3500
°A	°A	°A	°A	°A	°A	°A	°A	°A
4	− ·35	− ·42	− ·49	− ·56	− ·63	− ·70	− ·77	− ·84
6	− ·42	− ·50	− ·58	− ·66	− ·74	− ·82	− ·90	− ·98
8	− ·52	− ·59	− ·65	− ·72	− ·78	− ·85	− ·91	− ·98
10	− ·64	− ·67	− ·70	− ·73	− ·76	− ·79	− ·82	− ·85
12	− ·79	− ·76	− ·73	− ·70	− ·67	− ·64	− ·61	− ·58
14	− ·97	− ·85	− ·73	− ·61	− ·49	− ·37	− ·25	− ·13

Month	FANNING ISLAND 805. 9h.		SIERRA LEONE. 834. 9h.		SIERRA LEONE. 834. 17h.		ENTEBBE. 844. 7h.		ENTEBBE. 844. 21h.		ASCENSION ISLAND. 934. 9h.		ASCENSION ISLAND. 934. 21h.	
	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal
January	120° (93)	115° (82)	80° (35)	65° (29)	235° (40)	240° (42)	285° (54)	275° (14)	225° (44)	230° (42)	140° (75)	125° (81)	135° (87)	125° (76)
February	105° (81)	100° (80)	250° (58)	285 (14)	235° (95)	235° (71)	260° (57)	250° (17)	200° (82)	220° (42)	135° (80)	125° (79)	140° (89)	125° (73)
March	95° (90)	90° (81)	300° (58)	275° (27)	235° (95)	235° (72)	250° (57)	250° (30)	220° (66)	225° (43)	140° (88)	130° (81)	140° (87)	130° (79)
April	90° (97)	90° (82)	320° (48)	280° (23)	235° (82)	240° (73)	245° (57)	235° (37)	215° (50)	220° (40)	135° (88)	125° (83)	135° (87)	125° (75)
May	135° (99)	100° (75)	15° (29)	330° (9)	240° (62)	235° (63)	255° (33)	225° (26)	210° (50)	215° (36)	140° (92)	125° (85)	135° (72)	125° (78)
June	135° (99)	115° (77)	35° (14)	50° (19)	225° (77)	225° (48)	210° (26)	240° (32)	185° (27)	215° (40)	140° (80)	125° (84)	140° (85)	125° (81)
July	.. ..	120° (81)	215° (12)	245° (11)	215° (64)	230° (60)	10° (25)	260° (13)	180° (13)	200° (35)	130° (83)	125° (82)	120° (63)	125° (78)
August	.. ..	125° (86)	225° (43)	235° (27)	220° (90)	230° (68)	335° (48)	340° (20)	215° (21)	200° (32)	140° (94)	125° (82)	135° (87)	125° (77)
September	140° (86)	130° (86)	50° (11)	305° (2)	230° (64)	230° (61)	5° (52)	335° (25)	220° (40)	230° (33)	135° (88)	125° (83)	140° (82)	125° (78)
October	130° (90)	135° (81)	55° (59)	60° (32)	215° (55)	235° (47)	5° (33)	310° (23)	235° (49)	240° (36)	140° (89)	125° (84)	135° (86)	125° (79)
November	130° (93)	125° (80)	55° (16)	60° (33)	250° (31)	235° (49)	340° (38)	295° (22)	280° (36)	240° (35)	140° (92)	125° (86)	140° (91)	125° (85)
December	130° (79)	115° (80)	65° (51)	60° (35)	305° (55)	245° (41)	345° (17)	285° (29)	225° (46)	235° (40)	145° (84)	130° (82)	145° (83)	125° (79)
Year	.. ..	115° (79)	360° (11)	20° (7)	230° (62)	235° (87)	295 (26)	270° (19)	220° (39)	225° (37)	140° (86)	125° (83)	135° (78)	125° (78)
Period of Normals	15 yrs., 1909-30		15 yrs., 1910-25.				1914-28.				10 yrs., 1923-33.			

MONTH.	TULAGI. 969. 9h.		OCEAN ISLAND. 970. 8h.		OCEAN ISLAND. 970. 20h.		APIA, SAMOA. 1002. 9h.		APIA, SAMOA. 1002. 15½h.		ST. HELENA.* 1038. 9h.		SUVA, FIJI. 1072. 8½h.		SUVA, FIJI. 1072. 15½h.
	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant		§ Resultant	§ Normal	§ Resultant	§ Normal	§ Resultant
January.	40° (75)	320° (15)	75° (93)	65° (45)	75° (90)	70° (34)	80° (31)	75° (27)	45° (34)		160° (89)	142° (92)	100° (33)	90° (45)	130° (48)
February	60° (49)	310° (20)	70° (89)	75° (54)	65° (87)	75° (48)	310° (50)	65° (24)	310° (72)		160° (86)	141° (90)	95° (30)	80° (45)	125° (58)
March	80° (68)	320° (11)	85° (88)	75° (58)	80° (84)	75° (46)	80° (55)	75° (37)	85° (59)		155° (90)	142° (88)	45° (36)	80° (37)	80° (35)
April	.. ..	125° (31)	65° (78)	80° (68)	60° (86)	75° (54)	95° (45)	95° (48)	85° (79)		160° (84)	136° (89)	55° (45)	90° (49)	110° (65)
May	100° (71)	130° (66)	85° (91)	85° (72)	90° (85)	85° (55)	100° (52)	105° (56)	75° (49)		160° (84)	139° (86)	75° (39)	100° (47)	115° (52)
June	115° (77)	130° (81)	95° (90)	90° (70)	100° (74)	85° (57)	115° (66)	100° (61)	90° (77)		150° (74)	136° (84)	105° (32)	95° (43)	100° (59)
July	135° (91)	135° (81)	85° (85)	90° (54)	90° (75)	85° (49)	110° (75)	100° (63)	100° (76)		150 (87)	139° (86)	85° (52)	95° (46)	120° (57)
August	135° (93)	135° (79)	95° (85)	95° (59)	95° (83)	95° (58)	100° (83)	100° (76)	90° (99)		160° (83)	141° (89)	70° (42)	105° (47)	110° (65)
September	135° (98)	135° (76)	95° (48)	95° (52)	95° (29)	85° (43)	110° (81)	95° (70)	95° (84)		155° (86)	143° (91)	95° (58)	105° (57)	115° (77)
October	.. ..	135° (74)	125° (34)	95° (44)	105° (9)	85° (25)	90° (66)	95° (66)	85° (68)		155° (92)	145° (92)	95° (55)	100° (60)	110° (75)
November	.. ..	130° (45)	235° (10)	80° (23)	300° (22)	60° (14)	90° (75)	80° (56)	100° (60)		160° (90)	142° (93)	105° (64)	100° (62)	110° (64)
December	70° (18)	130° (12)	335° (27)	65° (35)	310° (29)	65° (28)	75° (40)	90° (44)	85° (39)		155° (92)	144° (91)	115° (38)	100° (61)	105° (57)
Year	.. ..	130° (42)	85° (62)	85° (52)	80° (56)	80° (42)	95° (52)	90° (52)	85° (55)		155° (86)	141° (89)	85° (5)	95° (49)	110° (60)
Period of Normals	1909-23.		1921-30.				1922-31.				1893-1920.		45 yrs., 1883-1928.		

§ Direction and "Constancy." For explanation see Introduction.
* Normal refers to the old site at St. Matthew's Vicarage.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC—1927

MONTH	KARA SEA.†		BARENTS SEA.†		GREENLAND SEA.†	
	Area covered. sq.: Km. x 10^3	Normal. sq.: Km. x 10^3	Area covered. sq.: Km. x 10^3	Normal. sq.: Km. x 10^3	Area covered. sq.: Km. x 10^3	Normal. sq.: Km. x 10^3
April	255	255	1178	1155	992	1157
May	255	254	1122	981	862	1062
June	255	253	974	841	802	921
July	255	240	658	519	677	718
August	70	137	297	320	547	581
Period of Normals.	1895-1915.		1895-1915.		37 yrs., 1877-1915.	

MONTH	ICELAND.†				NEWFOUNDLAND BANKS†† (south of 48° N.)	
	No. of days with ice.		Normal no. of days with ice.		Number of Icebergs.	
	Visible.	Heavy.	Visible.	Heavy.	Observed.	Normal.
January	0	0	3	1	4	3
February	0	0	4	0	10	10
March	0	0	5	2	26	36
April	0	0	6	1	93	83
May	0	0	6	1	153	130
June	0	0	7	1	95	68
July	0	0	4	0	5	25
August	0	0	2	0	3	13
September	0	0	0	0	0	9
October	0	0	0	0	0	4
November	0	0	0	0	0	3
December	0	0	0	0	0	2
Year	0	0	37	6	389	386
Period of Normals	1901-25.				1900-28.	

† Iaforholdene i de arktiske Have, 1927, published by the Danish Meteorological Institute.
†† International ice observation and ice patrol service in the North Atlantic Ocean, 1927.

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